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# **TITLE 35: ENVIRONMENTAL PROTECTION**

## **SUBTITLE C: WATER POLLUTION**

### **CHAPTER I: POLLUTION CONTROL BOARD**

**State of Illinois**

#### **Rules and Regulations**

This printing of Title 35: Environmental Protection,  
Subtitle C: Water Pollution, Chapter I: Pollution Control Board  
includes amendments through January 13, 1988

# TITLE 35: ENVIRONMENTAL PROTECTION

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TITLE 35: ENVIRONMENTAL PROTECTION

SUBTITLE C: WATER POLLUTION

CHAPTER I: POLLUTION CONTROL BOARD

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Appendix: References to Previous Rules

AUTHORITY: Authorized by Section 27 and implementing Section 13 of the Environmental Protection Act (Ill. Rev. Stat. 1979, ch. 111 1/2, pars. 1027 and 1013).

SOURCE: Filed with the Secretary of State January 1, 1978; amended 3 Ill. Reg. 190,

effective June 21, 1979; amended 5 Ill. Reg. 6384, effective May 28, 1981; codified 6 Ill. Reg. 7818, effective June 22, 1982.

Section 301.101 Authority

Pursuant to the authority contained in Section 13 of the Environmental Protection Act which authorizes the Board to issue regulations "to restore, maintain and enhance the purity of the waters of this State in order to protect health, welfare, property, and the quality of life, and to assure that no contaminants are discharged into the waters...without being given the degree of treatment or control necessary to prevent pollution" (Section 11 of the Environmental Protection Act (Ill. Rev. Stat. 1979, ch. 111 1/2, par. 1011)); to adopt water quality standards, effluent standards, standards for the issuance of permits, standards for the certification of sewage works operators, standards relating to water pollution episodes or emergencies, and requirements for the inspection of pollution sources and for monitoring the aquatic environment, and which directs the Board to adopt requirements, standards, and procedures which will enable the State to implement and participate in the National Pollutant Discharge Elimination System (NPDES) established by the Clean Water Act (33 USC 1251 et seq.), the Board adopts the following rules and regulations.

Section 301.102 Policy

The General Assembly has found that water pollution "constitutes a menace to public health and welfare, creates public nuisances, is harmful to wildlife, fish, and aquatic life, impairs domestic, agricultural, industrial, recreational, and other legitimate beneficial uses of water, depresses property values, and offends the senses". It is the purpose of these rules and regulations to designate the uses for which the various waters of the State shall be maintained and protected; to prescribe the water quality standards required to sustain the designated uses; to establish effluent standards to limit the contaminants discharged to the waters; and to prescribe additional regulations necessary for implementing, achieving and maintaining the prescribed water quality. It is also the purpose of these Regulations to meet the requirements of Section 402 of the Clean Water Act.

Section 301.103 Repeals

These rules and regulations replace and supersede Rules and Regulations SWB-1, SWB-2, SWB-5 through SWB-15, SWB-17 and SWB-19, adopted by the Illinois Sanitary Water Board and continued in effect by Section 49(c) of the Environmental Protection Act "Until repealed, amended, or superseded by regulations under this Act" (Ill. Rev. Stat. 1979, Ch. 111 1/2, par. 1049(c)). Accordingly Rules and Regulations SWB 1, SWB-2, SWB-5 through SWB-15, SWB-17 and SWB 19 are hereby repealed, except that any proceeding arising from any act committed before the effective date of the applicable provision

of this Chapter shall be governed by the above listed regulations.

#### Section 301.104 Analytical Testing

All methods of sample collection, preservation, and analysis used in applying any of the requirements of this Chapter shall be consistent with United States Environmental Protection Agency's current manual of practice or with other procedures acceptable to USEPA and the Agency.

(Source: Amended 3 Ill. Reg. 190, effective June 21, 1979)

#### Section 301.105 References to Other Sections

Unless the contrary is clearly indicated, all references to "Parts" or "Sections" are to Ill. Adm. Code, Title 35: Environmental Protection. For example, "Part 309" is 35 Ill. Adm. Code 309, and "Section 309.101" is 35 Ill. Adm. Code 309.101.

(Source: Added 6 Ill. Reg. 7818, effective June 22, 1982.)

#### Section 301.200 Definitions

As used in this Chapter, the following terms defined by Section 301.200 et seq. shall have the meanings specified.

#### Section 301.205 Act

Act: The Illinois Environmental Protection Act.

#### Section 301.210 Administrator

Administrator: The Administrator of the United States Environmental Protection Agency or his designee.

#### Section 301.215 Agency

Agency: The Illinois Environmental Protection Agency.

#### Section 301.220 Aquatic Life

Aquatic Life: Native populations of fish and other aquatic life.

#### Section 301.225 Artificial Cooling Lake

Artificial Cooling Lake: Any manmade lake, reservoir or other impoundment, constructed by damming the flow of a stream, which is used to cool the water discharged from the condensers of a steam-electric generating plant for recirculation in substantial part to the condensers.

#### Section 301.230 Basin

Basin: The area tributary to the designated body of water.

#### Section 301.235 Board

Board: The Illinois Pollution Control Board.

#### Section 301.240 CWA

CWA: The Federal Water Pollution Control Act, as amended, (33 U.S.C. 1251 et seq., Public Law 92-500 enacted by Congress October 18, 1972 as amended by the "Clean Water Act", Public Law 95-217, enacted December 12, 1977, as amended.)

(Source: Amended 5 Ill. Reg. 6384, effective May 28, 1981)

#### Section 301.245 Calumet River System

Calumet River System: The Calumet River, the Grand Calumet River, the Little Calumet River downstream from its confluence with the Grand Calumet, the Calumet-Sag Channel, and the Calumet Harbor Basin.

#### Section 301.250 Chicago River System

Chicago River System: The Chicago River and its branches, the North Shore Channel, and the Chicago Sanitary and Ship Canal.

#### Section 301.255 Combined Sewer

Combined Sewer: A sewer designed and constructed to receive both wastewater and land runoff.

(Source: Amended at 3 Ill. Reg. 190, effective June 21, 1979)

#### Section 301.260 Combined Sewer Service Area

Combined Sewer Service Area: A specific geographical drainage area served by a combined sewer system. Areas served by separate sewer systems which enter the combined system are not included. Undeveloped areas within a combined sewer service area may be included in that area if deemed appropriate by the Agency pursuant to the guidelines in Section 306.103(a).

(Source: Added at 3 Ill. Reg. 190, effective June 21, 1979)

#### Section 301.265 Construction

Construction: Commencement of on-site fabrication, erection, or installation of a treatment works, sewer, or wastewater source; or the reinstallation at a new site of any existing treatment works, sewer, or wastewater source.



Section 301.270 Dilution Ratio

Dilution Ratio: The ratio of the seven-day once in ten year low flow of the receiving stream or the lowest flow of the receiving stream when effluent discharge is expected to occur, whichever is greater, to the average flow of the treatment works for the design year.

(Source: Amended at 3 Ill. Reg. 190, effective June 21, 1979)

Section 301.275 Effluent

Effluent: Any wastewater discharged, directly or indirectly, to the waters of the State or to any storm sewer, and the runoff from land used for the disposition of wastewater or sludges, but does not otherwise include nonpoint source discharges such as runoff from land or any livestock management facility or livestock wastehandling facility subject to regulation under Subtitle E.

Section 301.280 Hearing Board

Hearing Board: An Agency hearing board of one or more employees, appointed by the Director in accordance with the requirements of Section 309.115(c), which shall conduct public hearings and make recommendations to the Agency with respect to the issuance or denial of NPDES permits.

Section 301.285 Industrial Wastes

Industrial Wastes: Any solid, liquid, or gaseous wastes resulting from any process of industry, manufacturing, trade, or business or from the development, processing, or recovery, except for agricultural crop raising, of any natural resource.

Section 301.290 Institute

Institute: The Illinois Department of Energy and Natural Resources (formerly Illinois Institute of Natural Resources).

(Source: Added at 3 Ill. Reg. 190, effective June 21, 1979)

Section 301.295 Interstate Waters

Interstate Waters: All waters which cross or form part of the border between Illinois and other states.

Section 301.300 Intrastate Waters

Intrastate Waters: All the waters of Illinois which are not interstate waters.

Section 301.305 Land Runoff

Land Runoff: Water reaching the waters of the State as runoff resulting from precipitation.

Section 301.310 Marine Toilet

Marine Toilet: Any toilet on or within any watercraft.

Section 301.315 Modification

Modification:

- a) Any physical change in a treatment works which involves different or additional processes or equipment or which increases or decreases the capacity or efficiency of the treatment works; or
- b) Any change in the number or location of points where effluent is discharged, directly or indirectly, to the waters; or
- c) Any change in any components of a sewer system which alters the quantity of wastewater capable of being conveyed, or which increases or decreases the quantity of wastewater capable of being discharged at overflow or bypass structures; or
- d) Any increase in quantity or strength of a discharge from any wastewater source, unless such increase does not exceed an upper limit specifically allowed by an existing permit granted by the Agency and does not involve any additional contaminants contained in standards set by this Chapter that are not itemized and approved in an existing Agency permit.

Section 301.320 New Source

New Source: Any wastewater source, the construction of which is commenced on or after the effective date of the applicable provisions of this Chapter.

Section 301.325 NPDES

NPDES: The National Pollutant Discharge Elimination System for issuing, establishing conditions for, and denying permits under Section 402 of the CWA. All terms used in connection with NPDES which have been defined in the CWA or regulations adopted thereunder shall have the meanings specified therein, unless specifically noted otherwise.

Section 301.330 Other Wastes

Other Wastes: Garbage, refuse, wood residues, sand, lime, cinders, ashes, offal, night soil, silt, oil, tar, dye stuffs, acids, chemicals and all other substances not sewage or industrial waste whose discharge would cause water pollution or a violation of the effluent or water quality standards.

Section 301.335 Person

Person: Any individual, partnership, co-partnership, firm, company, corporation, association, joint stock company, trust, estate.

political subdivision, state agency, or any other legal entity, or their legal representative, agent or assigns.

#### Section 301.340 Pollutant

**Pollutant:** Dredged spoil, solid waste, incinerator residue, sewage, garbage, sewage sludge, munitions, chemical wastes, biological materials, radioactive materials, heat, wrecked or discarded equipment, rock, sand, cellar dirt and industrial, municipal, and agricultural waste discharged into water. This term does not mean:

- a) 'sewage from vessels' within the meaning of the CWA; or
- b) water, gas, or other material which is injected into a well to facilitate production and disposed of in a well, if the well, used either to facilitate production or for disposal purposes, is approved by the Department of Mines and Minerals, and if the Department of Mines and Minerals determines that such injection or disposal will not result in the degradation of ground or surface water resources.

#### Section 301.345 Population Equivalent

**Population Equivalent:** A term used to evaluate the impact of industrial or other waste on a treatment works or stream. One population equivalent is 100 gallons (380 l) of sewage per day, containing 0.17 pounds (77 g) of BOD<sub>5</sub> (five day biochemical oxygen demand) and 0.20 pounds (91 g) of suspended solids. The impact on a treatment works is evaluated as the equivalent of the highest of the three parameters. Impact on a stream is the higher of the BOD<sub>5</sub> and suspended solids parameters.

#### Section 301.350 Pretreatment Works

**Pretreatment Works:** A treatment works designed and intended for the treatment of wastewater from an indirect discharge or industrial user as defined in 40 CFR 403, before introduction into a sewer system tributary to a publicly owned or publicly regulated treatment works.

(Source: Amended at 5 Ill. Reg. 6384, effective May 28, 1981)

#### Section 301.355 Primary Contact

**Primary Contact:** Any recreational or other water use in which there is prolonged and intimate contact with the water involving considerable risk of ingesting water in quantities sufficient to pose a significant health hazard, such as swimming and water skiing.

#### Section 301.360 Public and Food Processing Water Supply

**Public and Food Processing Water Supply:** Any water use in which water is withdrawn from

surface waters of the State for human consumption or for processing of food products intended for human consumption.

#### Section 301.365 Publicly Owned Treatment Works

**Publicly Owned Treatment Works:** A treatment works owned by a municipality, sanitary district, county or state or federal agency, and which treats domestic and industrial wastes collected by a publicly owned or regulated sewer system. Industrial treatment works which are publicly owned and financed by bond issues of public agencies are not included in this definition.

(Source: Amended at 3 Ill. Reg. 190, effective June 21, 1979)

#### Section 301.370 Publicly Regulated Treatment Works

**Publicly Regulated Treatment Works:** Those otherwise private companies which are regulated as public utilities engaged in the disposal of domestic and industrial wastes and regulated as such by the Illinois Commerce Commission, pursuant to "an Act concerning public utilities" approved June 29, 1921, effective July 21, 1921, as amended. (Ill. Rev. Stat. 1979, ch. 111 2/3, pars. 1 et seq.)

(Source: Amended at 3 Ill. Reg. 190, effective June 21, 1979)

#### Section 301.375 Sanitary Sewer

**Sanitary Sewer:** A sewer that carries wastewater together with incidental land runoff.

(Source: Amended at 3 Ill. Reg. 190, effective June 21, 1979)

#### Section 301.380 Secondary Contact

**Secondary Contact:** Any recreational or other water use in which contact with the water is either incidental or accidental and in which the probability of ingesting appreciable quantities of water is minimal, such as fishing, commercial and recreational boating and any limited contact incident to shoreline activity.

#### Section 301.385 Sewage

**Sewage:** Water-carried human and related wastes from any source.

(Source: Amended at 3 Ill. Reg. 190, effective June 21, 1979)

#### Section 301.390 Sewer

**Sewer:** A stationary means of transport or stationary system of transport, excluding natural waterways, constructed and operated for the purpose of collecting and transporting wastewater or land runoff, or both.

(Source: Amended at 3 Ill. Reg. 190, effective June 21, 1979)

#### Section 301.395 Sludge

Sludge: Any solid, semisolid, or liquid waste generated from a municipal, commercial, or industrial wastewater treatment plant, water supply treatment plant, or air pollution control facility or any other such waste having similar characteristics and effects.

(Source: Added at 5 Ill. Reg. 6384, effective May 28, 1981)

#### Section 301.400 Standard of Performance

Standard of Performance: A standard for the control of the discharge of pollutants, promulgated by the Administrator pursuant to Section 306 of the CWA, for the control of the discharge of pollutants, which reflects the greatest degree of effluent reduction which the Administrator determines to be achievable through application of the best available demonstrated control technology, processes, operating methods, or other alternatives, including, where practicable, a standard permitting no discharge of pollutants.

#### Section 301.405 STORET

STORET: The national water quality data system of the federal Environmental Protection Agency.

#### Section 301.410 Storm Sewer

Storm Sewer: A sewer intended to receive only land runoff.

#### Section 301.415 Treatment Works

Treatment Works: Individually or collectively those constructions or devices (except sewers, and except constructions or devices used for the pretreatment of wastewater prior to its introduction into publicly owned or regulated treatment works) used for collecting, pumping, treating, or disposing of wastewaters or for the recovery of byproducts from such wastewater.

#### Section 301.420 Underground Waters

Underground Waters: Any waters of the State located beneath the surface of the earth.

#### Section 301.425 Wastewater

Wastewater: Sewage, industrial waste, or other waste, or any combination of these, whether treated or untreated, plus any admixed land runoff.

#### Section 301.430 Wastewater Source

Wastewater Source: Any equipment, facility, or other source of any type whatsoever which

discharges wastewater, directly or indirectly (except through a sewer tributary to a treatment works), to the waters of the State.

#### Section 301.435 Watercraft

Watercraft: Every type of boat, ship or barge used or capable of being used as a means of transportation on water.

#### Section 301.440 Waters

Waters: All accumulations of water, surface and underground, natural, and artificial, public and private, or parts thereof, which are wholly or partially within, flow through, or border upon the State of Illinois, except that sewers and treatment works are not included except as specially mentioned; provided, that nothing herein contained shall authorize the use of natural or otherwise protected waters as sewers or treatment works except that in-stream aeration under Agency permit is allowable.

#### Appendix: References to Previous Rules

##### Part I, Introduction

##### Part 301

Rule 101 . . . . .	Section 301.101
Rule 102 . . . . .	Section 301.102
Rule 103 . . . . .	Section 301.103
Rule 104 . . . . .	Section 301.200 et seq.
Rule 105 . . . . .	Section 301.104

**TITLE 35: ENVIRONMENTAL PROTECTION**

**SUBTITLE C: WATER POLLUTION**

**CHAPTER I: POLLUTION CONTROL BOARD**

**PART 302**

**WATER QUALITY STANDARDS**

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302.507	Existing Sources on January 1, 1971
302.508	Sources under Construction But Not in Operation on January 1, 1971
302.509	Other Sources

Appendix A: References to Previous Rules  
Appendix B: Sources of Codified Sections

**AUTHORITY:** Implementing Section 13 of the Environmental Protection Act (Ill. Rev. Stat. 1981, ch. 111 1/2, par. 1013) and authorized by Section 27 of the Environmental Protection Act (Ill. Rev. Stat. 1981, ch. 111 1/2, par. 1027).

**SOURCE:** Filed with the Secretary of State January 1, 1978; amended 2 Ill. Reg. No. 44, page 151, effective November 2, 1978; amended 3 Ill. Reg. no. 20, page 95, effective May 17, 1979; amended 3 Ill. Reg. 190, effective June 21, 1979; codified 6 Ill. Reg. 7818, effective June 22, 1982; amended 6 Ill. Reg. 11161, effective September 7, 1982; amended 6 Ill. Reg. 13750, effective October 26, 1982; amended at 8 Ill. Reg. 1629, effective January 18, 1984.

**SUBPART A: GENERAL WATER QUALITY PROVISIONS**

**Section 302.101 Scope and Applicability**

- a) Part 302 contains schedules of water quality standards which are applicable throughout the State as designated in Part 303. Site specific water quality standards are found with the water use designations in Part 303.
- b) Subpart B contains general use water quality standards which must be met in waters of the State for which there is no specific designation (Section 303.201).
- c) Subpart C contains the public and food processing water supply standards. These are cumulative with Subpart B and must be met by all designated waters at the point at which water is drawn for treatment and distribution as a potable supply or for food processing (Section 303.202).
- d) Subpart D contains the secondary contact and indigenous aquatic life standards. These standards must be met only by certain waters designated in Sections 303.204 and 303.441.
- e) Subpart E contains the Lake Michigan water quality standards. These are cumulative with the Subpart B and C standards and must be met by the waters of Lake Michigan and such other waters as may be designated in Part 303 (Section 303.443).
- f) Unless the contrary is clearly indicated, all references to "Parts" or "Sections" are to Ill. Adm. Code, Title 35: Environmental Protection. For example, "Part 309" is 35 Ill. Adm. Code 309, and "Section 309.101" is 35 Ill. Adm. Code 309.101.

**Section 302.102 Mixing Zones**

- a) In the application of this Chapter, whenever a water quality standard is more restrictive than its corresponding effluent standard then an opportunity shall be allowed for the mixture of an effluent with its receiving waters. Water quality standards must be met at every point outside of the mixing zone.

The size of the mixing zone cannot be uniformly prescribed. The governing principle is that the proportion of any body of water or segment thereof within mixing zones must be quite small if the water quality standards are to have any meaning. This principle shall be applied on a case-by-case basis to ensure that neither any individual source nor the aggregate of sources shall cause excessive zones to exceed the standards. The water quality standards must be met in the bulk of the body of water, and no body of water may be used totally as a mixing zone for a single outfall or combination of outfalls. Moreover, except as otherwise provided in this Chapter, no single mixing zone shall exceed the area of a circle with a radius of 183 m (600 feet). Single sources of effluents which have more than one outfall shall be limited to a total mixing area no larger than that allowable if a single outfall were used.

- b) In determining the size of the mixing zone for any discharge, the following must be considered:
  - 1) The character of the body of water,
  - 2) the present and anticipated future use of the body of water,
  - 3) the present and anticipated water quality of the body of water,
  - 4) the effect of the discharge on the present and anticipated future water quality,
  - 5) the dilution ratio, and
  - 6) the nature of the contaminant.
- c) In addition to the above, the mixing zone shall be so designed as to assure a reasonable zone of passage for aquatic life in which the water quality standards are met. The mixing zone shall not intersect any area of any such waters in such a manner that the maintenance of aquatic life in the body of water as a whole would be adversely affected, nor shall any mixing zone contain more than 25% of the cross-sectional area or volume of flow of a stream except for those streams where the dilution ratio is less than 3:1.

#### Section 302.103 Stream Flows

Except as otherwise provided in this Chapter with respect to temperature, the water quality standards in this Part shall apply at all times except during periods when flows are less than the average minimum seven day low flow which occurs once in ten years.

#### Section 302.104 Main River Temperatures

Main river temperatures are temperatures of those portions of a river essentially similar to and following the same thermal regime as the temperatures of the main flow of the river.

#### Section 302.105 Nondegradation

Waters whose existing quality is better than the established standards at the date of their adoption will be maintained in their present high quality. Such waters will not be lowered in quality unless and until it is affirmatively demonstrated that such change will not interfere with or become injurious to any appropriate beneficial uses made of, or presently possible in, such waters and that such change is justifiable as a result of necessary economic or social development.

### SUBPART B: GENERAL USE WATER QUALITY STANDARDS

#### Section 302.201 Scope and Applicability

Subpart B contains general use water quality standards which must be met in waters of the State for which there is no specific designation (Section 303.201).

#### Section 302.202 Purpose

The general use standards will protect the State's water for aquatic life, agricultural use, primary and secondary contact use and most industrial uses and ensure the aesthetic quality of the State's aquatic environment.

#### Section 302.203 Unnatural Sludge

Waters of the State shall be free from unnatural sludge or bottom deposits, floating debris, visible oil, odor, unnatural plant or algal growth, unnatural color or turbidity, or matter of other than natural origin in concentrations or combinations toxic or harmful to human, animal, plant or aquatic life.

#### Section 302.204 pH

pH (STORET number 00400) shall be within the range of 6.5 to 9.0 except for natural causes.

#### Section 302.205 Phosphorus

Phosphorus (STORET number 00665): After December 31, 1983, Phosphorus as P shall not exceed 0.05 mg/l in any reservoir or lake with a surface area of 8.1 hectares (20 acres) or more, or in any stream at the point where it enters any such reservoir or lake. For the purposes of this Section, the term "reservoir or lake" shall not include low level pools constructed in free flowing streams or any body of water which is an integral part of an operation which includes the application of sludge on land. Point source discharges which comply with Section 304.123 shall be in compliance with this Section for purposes of application of Section 304.105.

(Source: Amended at 3 Ill. Reg. 95, effective May 17, 1979)

#### Section 302.206 Dissolved Oxygen

Dissolved oxygen (STORET number 00300) shall not be less than 6.0 mg/l during at least 16 hours of any 24 hour period, nor less than 5.0 mg/l at any time.

#### Section 302.207 Radioactivity

- Gross beta (STORET number 03501) concentration shall not exceed 100 picocuries per liter (pCi/l).
- Concentrations of radium 226 (STORET number 09501) and strontium 90 (STORET number 13501) shall not exceed 1 and 2 picocuries per liter respectively.

#### Section 302.208 Chemical Constituents

The following levels of chemical constituents shall not be exceeded:

CONSTITUENT	STORET NUMBER	CONCENTRATION (mg/l)
Arsenic (total)	01002	1.0
Barium (total)	01007	5.0
Boron (total)	01022	1.0
Cadmium (total)	01027	0.05
Chloride	00940	500.
Chromium (total hexavalent)	01032	0.05
Chromium (total trivalent)	01033	1.0
Copper (total)	01042	0.02
Cyanide	00720	0.025
Fluoride	00951	1.4
Iron (total)	01045	1.0
Lead (total)	01051	0.1
Manganese (total)	01055	1.0
Mercury (total)	71900	0.0005
Nickel (total)	01067	1.0
Phenols	32730	0.1
Selenium (total)	01147	1.0
Silver (total)	01077	0.005
Sulfate	00945	500.
Total Dissolved Solids	70300	1000.
Zinc	01092	1.0

(Source: Amended at 3 Ill. Reg. 35, effective May 17, 1979)

#### Section 302.209 Fecal Coliform

Based on a minimum of five samples taken over not more than a 30 day period, fecal coliform (STORET number 31616) shall not exceed a geometric mean of 200 per 100 ml, nor shall more than 10% of the samples during any 30 day period exceed 400 per 100 ml.

#### Section 302.210 Substances Toxic to Aquatic Life

Any substance toxic to aquatic life shall not exceed one-tenth of the 96-hour median tolerance limit (96 hr.  $TL_{50}$ ) for native fish or

essential fish food organisms, except for USEPA registered pesticides approved for aquatic application and applied pursuant to the following conditions:

- Application shall be made in strict accordance with label directions;
- Applicator shall be properly certified under the provisions of the Federal Insecticide, Fungicide, and Rodenticide Act (7 U.S.C. 135 et seq. (1972));
- Applications of aquatic pesticides must be in accordance with the laws, regulations and guidelines of all state and federal agencies authorized by law to regulate, use or supervise pesticide applications, among which are included the Illinois Department of Agriculture and the Illinois Department of Public Health pursuant to Ill. Rev. Stat. 1979 ch. 5, pars. 256 through 267; and the Department of Energy and Natural Resources pursuant to Ill. Rev. Stat. 1979 ch. 96 1/2, par. 7403.
- No aquatic pesticide shall be applied to waters affecting public or food processing water supplies unless a permit to apply the pesticide has been obtained from the Agency. All permits shall be issued so as not to cause a violation of the Act or of any of the Board's rules or regulations. To aid applicators in determining their responsibilities under this subsection, a list of waters affecting public water supplies will be published and maintained by the Agency's Division of Public Water Supplies.

#### Section 302.211 Temperature

- Temperature has STORET number (°F) 00011 and (°C) 00010.
- There shall be no abnormal temperature changes that may adversely affect aquatic life unless caused by natural conditions.
- The normal daily and seasonal temperature fluctuations which existed before the addition of heat due to other than natural causes shall be maintained.
- The maximum temperature rise above natural temperatures shall not exceed 2.8°C (5°F).
- In addition, the water temperature at representative locations in the main river shall not exceed the maximum limits in the following table during more than one percent of the hours in the 12 month period ending with any month. Moreover, at no time shall the water temperature at such locations exceed the maximum limits in the following table by more than 1.7°C (3°F).

	°C	°F	°C	°F
JAN. 16	60	JUL. 32	90	
FEB. 16	60	AUG. 32	90	
MAR. 16	60	SEPT. 32	90	

	°C	°F		°C	°F
APR.	32	90	OCT.	32	90
MAY	32	90	NOV.	32	90
JUNE	32	90	DEC.	16	60

- f) The owner or operator of a source of heated effluent which discharges 15,000 megawatts (0.5 billion British thermal units per hour) or more shall demonstrate in a hearing before this Board not less than 5 nor more than 6 years after the effective date of these regulations or, in the case of new sources, after the commencement of operation, that discharges from that source have not caused and cannot be reasonably expected to cause significant ecological damage to the receiving waters. If such proof is not made to the satisfaction of the Board appropriate corrective measures shall be ordered to be taken within a reasonable time as determined by the Board.
- g) Permits for heated effluent discharges, whether issued by the Board or the Agency, shall be subject to revision in the event that reasonable future development creates a need for reallocation of the assimilative capacity of the receiving stream as defined in the regulation above.
- h) The owner or operator of a source of heated effluent shall maintain such records and conduct such studies of the effluents from such sources and of their effects as may be required by the Agency or in any permit granted under the Act.
- i) Appropriate corrective measures will be required if, upon complaint filed in accordance with Board rules, it is found at any time that any heated effluent causes significant ecological damage to the receiving stream.
- j) All effluents to an artificial cooling lake must comply with the applicable provisions of the thermal water quality standards as set forth in Section 302.211 and Part 303, except when all of the following requirements are met:
- 1) All discharges from the artificial cooling lake to other waters of the State comply with the applicable provisions of Sections 302.211(b) through 302.211(e).
  - 2) The heated effluent discharged to the artificial cooling lake complies with all other applicable provisions of this Chapter, except Sections 302.211(b) through 302.211(e).
  - 3) At an adjudicative hearing the discharger shall satisfactorily demonstrate to the Board that the artificial cooling lake receiving the heated effluent will be environmentally acceptable, and within the intent of the Act, including, but not limited to:
    - A) provision of conditions capable of supporting shellfish, fish and wildlife, and recreational uses

consistent with good management practices, and

- B) control of the thermal component of the discharger's effluent by a technologically feasible and economically reasonable method.

- 4) The required showing in Section 302.211(j)(3) may take the form of an acceptable final environmental impact statement or pertinent provisions of environmental assessments used in the preparation of the final environmental impact statement, or may take the form of a showing pursuant to Section 316(a) of the CWA, which addresses the requirements of Section 302.211(j)(3).
- 5) If an adequate showing as provided in Section 302.211(j)(3) is found, the Board shall promulgate specific thermal standards to be applied to the discharge to that artificial cooling lake.

(Source: Amended at 3 Ill. Reg. no 20, page 95, effective May 17, 1979)

#### Section 302.212 Ammonia Nitrogen and Un-ionized Ammonia

- a) Ammonia nitrogen (as N: Storet Number 00610) shall in no case exceed 15 mg/l.
- b) If ammonia nitrogen is less than 15 mg/l and greater than or equal to 1.5 mg/l, then un ionized ammonia (as N) shall not exceed 0.04 mg/l.
- c) Ammonia nitrogen concentrations of less than 1.5 mg/l are lawful regardless of un ionized ammonia concentration.
- d) For purposes of this section the concentration of un ionized ammonia shall be computed according to the following equation:
 
$$U = \frac{N}{[0.94412(1 + 10^{\text{pH}}) + 0.0559]} \quad \text{where:}$$

$$X = 0.09018 + \frac{2729.92}{(T + 273.16)} - \text{pH}$$

U = Concentration of un-ionized ammonia as N in mg/l  
N = Concentration of ammonia nitrogen as N in mg/l  
T = Temperature in degrees Celsius
- e) The following table indicates the maximum ammonia nitrogen concentrations allowable for certain combinations of pH and temperature:

AMMONIA NITROGEN  
WATER QUALITY STANDARD (mg/l)

TEMP. °C (°F)	pH						
	6.0	6.5	7.0	7.5	8.0	8.5	9.0
5 (41)	15	15	15	9.6	3.1	1.5	1.5
10 (50)	15	15	15	6.5	2.1	1.5	1.5
15 (59)	15	15	13.9	4.4	1.5	1.5	1.5
20 (68)	15	15	9.6	3.1	1.5	1.5	1.5

TEMP. °C (°F)	pH						
	6.0	6.5	7.0	7.5	8.0	8.5	9.0
25 (77)	15	15	6.7	2.1	1.5	1.5	1.5
30 (86)	15	14.9	4.7	1.5	1.5	1.5	1.5
35 (95)	15	10.7	3.4	1.5	1.5	1.5	1.5

(Source: 6 Ill. Reg. 11161, effective September 7, 1982)

#### SUBPART C: PUBLIC AND FOOD PROCESSING WATER SUPPLY STANDARDS

##### Section 302.301 Scope and Applicability

Subpart C contains the public and food processing water supply standards. These are cumulative with the general use standards of Subpart B and must be met in all waters designated in Part 303 at any point at which water is withdrawn for treatment and distribution as a potable supply or for food processing. Waters of the State are generally designated for public and food processing use (Section 303.202).

##### Section 302.302 Algaecide Permits

The water quality standards of Subparts B and C may be exceeded if such occurrence results from the application of an algaecide in accordance with the terms of an algaecide permit issued by the Agency pursuant to Part 602.

(Note: Prior to codification, Rules 203 and 204(d) of Ch 6: Public Water Supplies.)

##### Section 302.303 Finished Water Standards

Water shall be of such quality that with treatment consisting of coagulation, sedimentation, filtration, storage and chlorination, or other equivalent treatment processes, the treated water shall meet in all respects the requirements of Part 604.

(Note: Prior to codification, Table I, Rule 304 of Ch 6: Public Water Supplies.)

##### Section 302.304 Chemical Constituents

The following levels of chemical constituents shall not be exceeded:

CONSTITUENT	STORET NUMBER	CONCENTRATION (mg/l)
Arsenic (total)	01002	0.05
Barium (total)	01007	1.0
Cadmium (total)	01027	0.010
Chloride	00940	250.
Chromium	01034	0.05
Lead (total)	01051	0.05
Manganese (total)	01055	0.15
Nitrate Nitrogen	00620	10.
Oil (hexane-solubles or equivalent)	00550, 00556 or 00560	0.1

CONSTITUENT	STORET NUMBER	CONCENTRATION (mg/l)
Organics		
Pesticides		
Chlorinated Hydro- carbon Insecticides		
Aldrin	39330	0.001
Chlordane	39350	0.003
DDT	39370	0.05
Dieldrin	39380	0.001
Endrin	39390	0.0002
Heptachlor	39410	0.0001
Heptachlor Epoxide	39420	0.0001
Lindane	39782	0.004
Methoxychlor	39480	0.1
Toxaphene	39400	0.005
Organophosphate Insecticides		
Parathion	39540	0.1
Chlorophenoxy Herbicides		
2,4-Dichlorophenoxy- acetic acid (2,4-D)	39730	0.1
2-(2,4,5-Trichloro- phenoxy)- propionic acid (2,4,5- TP or Silvex)	39760	0.01
Phenols	32730	0.001
Selenium (total)	01147	0.01
Sulphates	00945	250.
Total Dissolved Solids	70300	500.

(Source: Amended at 3 Ill. Reg. 95, effective May 17, 1979)

##### Section 302.305 Other Contaminants

Other contaminants which will not be adequately reduced by the treatment processes noted in Section 302.303 shall not be present in concentrations hazardous to human health.

#### SUBPART D: SECONDARY CONTACT AND INDIGENOUS AQUATIC LIFE STANDARDS

##### Section 302.401 Scope and Applicability

Subpart D contains the secondary contact and indigenous aquatic life standards. These must be met only by certain waters specifically designated in Part 303. The general use and public water supply standards do not apply to waters designated for secondary contact and indigenous aquatic life (Section 303.204).

##### Section 302.402 Purpose

Secondary contact and indigenous aquatic life standards are intended for those waters not suited for general use activities but which will be appropriate for all secondary contact uses and which will be capable of supporting an indigenous aquatic life limited only by the physical configuration of the body of water, characteristics and origin of the water and the presence of contaminants in amounts that do not exceed the water quality standards listed in Subpart D.



(Source: Amended at 3 Ill. Reg. 95, effective May 17, 1979)

#### Section 302.403 Unnatural Sludge

Waters subject to this subpart shall be free from unnatural sludge or bottom deposits, floating debris, visible oil, odor, unnatural plant or algal growth, or unnatural color or turbidity.

#### Section 302.404 pH

pH (STORET number 00400) shall be within the range of 6.0 to 9.0 except for natural causes.

#### Section 302.405 Dissolved Oxygen

Dissolved oxygen (STORET number 00300) shall not be less than 3.0 mg/l during at least 16 hours in any 24-hour period, nor less than 2.0 mg/l at any time, and after December 31, 1977 shall not be less than 4.0 mg/l at any time.

#### Section 302.406 Fecal Coliform

Based on a minimum of five samples taken over not more than a thirty day period, fecal coliforms (STORET number 31616) shall not exceed a geometric mean of 1,000 per 100 ml, nor shall more than 10% of the samples during any thirty day period exceed 2,000 per 100 ml.

#### Section 302.407 Chemical Constituents

Concentrations of other chemical constituents shall not exceed the following standards:

CONSTITUENT	STORET NUMBER	CONCENTRATION (mg/l)
Ammonia Nitrogen (as N)		
(April-October)	00610	2.5
(November-March)	00610	4.0
Arsenic (total)	01002	1.0
Barium (total)	01007	5.0
Cadmium (total)	01027	0.15
Chromium (total hexavalent)	01032	0.3
Chromium (total trivalent)	01033	1.0
Copper (total)	01042	1.0
Cyanide (total)	00720	0.10
Fluoride (total)	00951	15.0
Iron (total)	01045	2.0
Iron (dissolved)	01046	0.5
Lead (total)	01051	0.1
Manganese (total)	01055	1.0
Mercury (total)	71900	0.0005
Nickel (total)	01067	1.0
Oil, fats and grease	00550, 00556 or 00560	15.0*
Phenols	32730	0.3
Selenium (total)	01147	1.0
Silver	01077	1.1

CONSTITUENT	STORET NUMBER	CONCENTRATION (mg/l)
Zinc (total)	01092	1.0
Total Dissolved Solids	70300	1500

\*Oil shall be analytically separated into polar and non polar components if the total concentration exceeds 15 mg/l. In no case shall either of the components exceed 15 mg/l (i.e., 15 mg/l polar materials and 15 mg/l non-polar materials).

(Source: Amended at 8 Ill. Reg. 1629, effective January 18, 1984)

#### Section 302.408 Temperature

Temperature (STORET number (°F) 00011 and (°C) 00010) shall not exceed 34°C (93°F) more than 5% of the time, or 37.8°C (100°F) at any time.

#### Section 302.409 Cyanide

Cyanide (total) shall not exceed 0.10 mg/l

(Source: Added at 2 Ill. Reg. no. 44, page 151, effective November 2, 1978)

#### Section 302.410 Substances Toxic to Aquatic Life

Any substance toxic to aquatic life not listed in Section 302.407 shall not exceed one half of the 96-hour median tolerance limit (96 hour TL<sub>50</sub>) for native fish or essential fish food organisms.

(Source: Added at 3 Ill. Reg. 190, effective June 21, 1979.)

### SUBPART E: LAKE MICHIGAN WATER QUALITY STANDARDS

#### Section 302.501 Scope and Applicability

Subpart E contains the Lake Michigan water quality standards. These are cumulative with the general use and public water supply standards of Subparts B and C. They must be met in Lake Michigan and such additional waters as may be designated in Part 303 (Section 303.443).

#### Section 302.502 Dissolved Oxygen

Dissolved oxygen (STORET number 00300) shall not be less than 90% of saturation except due to natural causes.

#### Section 302.503 pH

pH (STORET number 00400) shall be within the range of 7.0 to 9.0 except for natural causes.

## Section 302.504 Chemical Constituents

The following levels of chemical constituents shall not be exceeded:

CONSTITUENT	STORET NUMBER	CONCENTRATION (mg/l)
Ammonia Nitrogen	00610	0.02
Chloride	00940	12.0
Sulfate	00945	24.0
Phosphorus (as P)	00665	0.007
Total Solids (Dissolved)	70300	180.0
Cyanide (total)	00720	0.025

(Source: Amended at 3 Ill. Reg. 95, effective May 17, 1979)

## Section 302.505 Fecal Coliform

Based on a minimum of five samples taken over not more than a 30 day period, fecal coliform (STORET number 31616) shall not exceed a geometric mean of 20 per 100 ml.

## Section 302.506 Temperature

- STORET numbers for temperature are (°F) 00011 and (°C) 00010.
- The owner or operator of a source of heated effluent shall maintain such records and conduct such studies of the effluents from such source and of their effects as may be required by the Agency or in any permit granted under the Act.
- Backfitting of alternative cooling facilities will be required if, upon complaint filed in accordance with Board rules, it is found at any time that any heated effluent causes significant ecological damage to the Lake.

## Section 302.507 Existing Sources on January 1, 1971

- All sources of heated effluents in existence as of January 1, 1971 shall meet the following restrictions outside of a mixing zone which shall be no greater than a circle with a radius of 305 m (1000 feet) or an equal fixed area of simple form.
  - There shall be no abnormal temperature changes that may affect aquatic life.
  - The normal daily and seasonal temperature fluctuations that existed before the addition of heat shall be maintained.
  - The maximum temperature rise at any time above natural temperatures shall not exceed 1.7°C (3°F). In addition, the water temperature shall not exceed the maximum limits indicated in the following table:

	°C	°F	°C	°F
JAN.	45	7	JUL.	80
FEB.	45	7	AUG.	80
MAR.	45	7	SEPT.	80
APR.	55	13	OCT.	65
MAY	60	16	NOV.	60
JUN.	70	21	DEC.	50

- The owner or operator of a source of heated effluent which discharges 15,000 megawatts (0.5 billion British Thermal Units per hour) or more shall demonstrate in a hearing before this Board not less than 5 nor more than six years after the adoption of this regulation, that discharges from that source have not caused and cannot be reasonably expected in future to cause significant ecological damage to the Lake. If such proof is not made to the satisfaction of the Board, backfitting of alternative cooling devices shall be accomplished within a reasonable time as determined by the Board.

## Section 302.508 Sources Under Construction But Not In Operation on January 1, 1971

Any effluent source under construction as of January 1, 1971, but not in operation, shall meet all the requirements of Section 302.507 and in addition shall meet the following restrictions:

- Neither the bottom, the shore, the hypolimnion, nor the thermocline shall be affected by any heated effluent.
- No heated effluent shall affect spawning grounds or fish migration routes.
- Discharge structures shall be so designed as to maximize short-term mixing and thus to reduce the area significantly raised in temperature.
- No discharge shall exceed ambient temperatures by more than 11°C (20°F).
- Heated effluents from more than one source shall not interact.
- All reasonable steps shall be taken to reduce the number of organisms drawn into or against the intakes.
- Cleaning of condensers shall be accomplished by mechanical devices. If chemicals must be used to supplement mechanical devices, the concentration at the point of discharge shall not exceed the 96 hour TL<sub>m</sub> for fresh water organisms.

## Section 302.509 Other Sources

- No source of heated effluent which was not in operation or under construction as of January

1, 1971 shall discharge more than a daily average of 2900 megawatts (0.1 billion British Thermal Units per hour).

- b) Sources of heated effluents which discharge less than a daily average of 2900 megawatts (0.1 billion British Thermal Units per hour) not in operation or under construction as of January 1, 1971 shall meet all requirements of sections 302.507 and 302.508.

#### Appendix A: References to Previous Rules

The following table is provided to aid in referencing old Board rule numbers to section numbers pursuant to codification.

#### Chapter 3: Water Pollution Part II, Water Quality Standards

Unnumbered Preamble	Section 302.101
Rule 201	Section 302.102
Rule 202	Section 302.103
Rule 203	Section 302.201, 302.202, 303.201
Rule 203(a)	Section 302.203
Rule 203(b)	Section 302.204
Rule 203(c)	Section 302.205
Rule 203(d)	Section 302.206
Rule 203(e)	Section 302.207
Rule 203(f)	Section 302.208
Rule 203(g)	Section 302.209
Rule 203(h)	Section 302.210
Rule 203(i)	Section 302.211(a)
Rule 203(i)(1)	Section 302.211(b)
Rule 203(i)(2)	Section 302.211(c)
Rule 203(i)(3)	Section 302.211(d)
Rule 204(i)(4)	Section 302.211(e)
	Section 303.311
	Section 303.321
	Section 303.331
	Section 303.341
	Section 303.351
	Section 303.361
Rule 203(i) (Unnumbered Paragraph)	Section 302.104
Rule 203(i)(5)	Section 302.211(f)
Rule 203(i)(6)	Section 302.211(g)
Rule 203(i)(7)	Section 302.211(h)
Rule 203(i)(8)	Section 302.211(i)
Rule 203(i)(9)	Deleted
Rule 203(i)(10)	Section 302.211(j), 303.500
Rule 203(i)(11)(bb)	Section 303.502
Rule 203.1(a)	Section 303.312
Rule 203.1(b)	Section 303.352
Rule 204	Section 302.301
	Section 302.302
	Section 303.202
Rule 204(a)	Section 302.303
Rule 204(b)	Section 302.304
Rule 204(c)	Section 302.305
Rule 205	Section 302.401
Rule 205(a)	Section 302.403
Rule 205(b)	Section 302.404
Rule 205(c)	Section 302.405
Rule 205(d)	Section 302.406
Rule 205(e)	Section 302.407
Rule 205(f)	Section 302.408
Rule 205(g)	Section 302.409

Rule 205(h)	Section 302.410
Rule 206	Section 302.501
Rule 206(a)	Section 302.502
Rule 206(b)	Section 302.503
Rule 206(c)	Section 302.504
Rule 206(d)	Section 302.505
Rule 206(e)	Section 302.506(a)
Rule 206(e)(1)(A)	Section 302.507(a)
Rule 206(e)(1)(B)	Section 302.507(b)
Rule 206(e)(1)(C)	Section 302.506(b)
Rule 206(e)(1)(D)	Section 302.506(c)
Rule 206(e)(2)	Section 302.508
Rule 206(e)(3)	Section 302.509
Rule 207	Section 303.203
Rule 208	Section 302.105

#### Appendix B: Sources of Codified Sections

#### 35 Ill. Admin. Code Parts 302 and 303

#### Section

302.101	General, Unnumbered preamble to Part II
302.102(a)	Rule 201(a)
302.102(b)	Rule 201(a)
302.102(c)	Rule 201(b)
302.103	Rule 202
302.104	Rule 203(i)
302.105	Rule 208
302.201	General, Rule 203
302.202	Rule 203
302.203	Rule 203(a)
302.204	Rule 203(b)
302.205	Rule 203(c)
302.206	Rule 203(d)
302.207	Rule 203(e)
302.208	Rule 203(f)
302.209	Rule 203(g)
302.210	Rule 203(h)
302.211(a)	Rule 203(i)
302.211(b)	Rule 203(i)(1)
302.211(c)	Rule 203(i)(2)
302.211(d)	Rule 203(i)(3)
302.211(e)	Rule 203(i)(4)
302.211(f)	Rule 203(i)(5)
302.211(g)	Rule 203(i)(6)
302.211(h)	Rule 203(i)(7)
302.211(i)	Rule 203(i)(8)
302.211(j)	Rule 203(i)(10)
302.301	General, Rule 204.
	Rule 303
302.302	Rule 204
302.303	Rule 204(a)
302.304	Rule 204(b)
302.305	Rule 204(c)
302.401	General, Rule 205.
	Rule 302
302.402	Rule 302
302.403	Rule 205(a)
302.404	Rule 205(b)
302.405	Rule 205(c)
302.406	Rule 205(d)
302.407	Rule 205(e)
302.408	Rule 205(f)
302.409	Rule 205(g)
302.410	Rule 205(h)
302.501	General, Rule 206

302.502	Rule 206(a)
302.503	Rule 206(b)
302.504	Rule 206(c)
302.505	Rule 206(d)
302.506(a)	Rule 206(e)
302.506(b)	Rule 206(e)(1)(C)
302.506(c)	Rule 206(e)(1)(D)
302.507(a)	Rule 206(e)(1)(A)
302.507(b)	Rule 206(e)(1)(B)
302.508	Rule 206(e)(2)
302.509	Rule 206(e)(3)

**TITLE 35: ENVIRONMENTAL PROTECTION**

**SUBTITLE C: WATER POLLUTION**

**CHAPTER I: POLLUTION CONTROL BOARD**

**PART 303**

**WATER USE DESIGNATIONS AND SITE  
SPECIFIC WATER QUALITY STANDARDS**

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303.101	Multiple Designations
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**SUBPART B: NONSPECIFIC WATER USE  
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303.201	General Use Waters
303.202	Public and Food Processing Water Supplies
303.203	Underground Waters
303.204	Secondary Contact and Indigenous Aquatic Life Waters

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303.312	Waters Receiving Fluorspar Mine Drainage
303.321	Wabash River Temperature
303.322	Unnamed Tributary of the Vermilion River
303.331	Mississippi River North Temperature
303.341	Mississippi River North Central Temperature
303.351	Mississippi River South Central Temperature
303.352	Unnamed Tributary of Wood River Creek
303.353	Schoenberger Creek; Unnamed Tributary of Cahokia Canal
303.361	Mississippi River South Temperature
303.441	Secondary Contact Waters
303.442	Waters Not Designated for Public Water Supply
303.443	Lake Michigan

**SUBPART D: THERMAL DISCHARGES**

Section	
303.500	Scope and Applicability
303.502	Lake Sangchris Thermal Discharges

Appendix: References to Previous Rules  
Appendix: Sources of Codified Sections

**AUTHORITY:** Implementing Section 13 and  
authorized by Section 27 of the Environmental  
Protection Act (Ill. Rev. Stat. 1981, ch. 111  
1/2, pars. 1013 and 1027).

**SOURCE:** Filed with the Secretary of State  
January 1, 1978; amended at 2 Ill. Reg. 27, p.  
221, effective July 5, 1978; amended at 3 Ill.  
Reg. 20, p. 95, effective May 17, 1979; amended  
at 5 Ill. Reg. 11592, effective October 19,  
1981; codified at 6 Ill. Reg. 7818, amended at 6  
Ill. Reg. 11161, effective September 7, 1982;

amended at 7 Ill. Reg. 8111, effective June 23,  
1983.

**SUBPART A: GENERAL PROVISIONS**

**Section 303.100 Scope and Applicability**

a) Part 303 contains water use designations  
which determine for a given body of water  
which set of Part 302 water quality standards  
applies. Part 303 also contains short site  
specific water quality standards. Part 302  
contains water quality standards which are  
either applicable to more than one area or  
are lengthy.

b) Unless the contrary is clearly indicated, all  
references to "Parts" or "Sections" are to  
Ill. Adm. Code, Title 35: Environmental  
Protection. For example, "Part 309" is 35  
Ill. Adm. Code 309, and "Section 309.101" is  
35 Ill. Adm. Code 309.101.

**Section 303.101 Multiple Designations**

Unless otherwise expressly stated, waters  
designated for specific uses must meet the most  
restrictive standards listed in Part 302 for any  
specified use, in addition to meeting the  
general standards of Subpart B, Part 302.

**Section 303.102 Rulemaking Required**

Designation of waters to meet secondary contact  
and indigenous aquatic life standards is  
governed by Part 102 of Subtitle A.

(Note: Prior to codification, Part II of  
Chapter I: Procedural Rules.)

(Source: 3 Ill. Reg. 95, effective May 17, 1979)

**SUBPART B: NONSPECIFIC WATER  
USE DESIGNATIONS**

**Section 303.200 Scope and Applicability**

Subpart B contains general water use  
designations. These Sections, together with the  
specific designations of Subpart C, determine  
which set of water quality standards of Part 302  
applies to a given body of water.

**Section 303.201 General Use Waters**

Except as otherwise specifically provided, all  
waters of the State must meet the general use  
standards of Subpart B of Part 302.

**Section 303.202 Public and Food Processing  
Water Supplies**

Except as otherwise specifically provided and in  
addition to the general use standards of Subpart  
B, Part 302, waters of the State shall meet the  
public and food processing water supply  
standards of Subpart C, Part 302, at any point

at which water is withdrawn for treatment and distribution as a potable supply or for food processing.

#### Section 303.203 Underground Waters

The underground waters of Illinois which are a present or a potential source of water for public or food processing supply shall meet the general use and public and food processing water supply standards of Subparts B and C, Part 302, except due to natural causes.

#### Section 303.204 Secondary Contact and Indigenous Aquatic Life Waters

Waters which are required to meet the secondary contact and indigenous aquatic life standards of Subpart D, Part 302, are not required to meet the general use standards or the public and food processing water supply standards of Subparts B and C, Part 302.

### SUBPART C: SPECIFIC USE DESIGNATIONS AND SITE SPECIFIC WATER QUALITY STANDARDS

#### Section 303.300 Scope and Applicability

Subpart C contains specific use designations which determine which set of water quality standards of Part 302 applies to a given water. In addition, Subpart C contains water quality standards applicable to specified waters. Nonspecific designations are in Subpart B.

#### Section 303.301 Organization

Subpart C is arranged by river basin as follows:

<u>River Basin</u>	<u>Reserved Section Numbers</u>
Ohio	Section 303.310 Section 303.319
Wabash	Section 303.320 Section 303.329
Mississippi North	Section 303.330 Section 303.339
North Central	Section 303.340 Section 303.349
South Central	Section 303.350 Section 303.359
South	Section 303.360 Section 303.369
Rock	Section 303.370 Section 303.379
Kaskaskia	Section 303.380 Section 303.389
Big Muddy	Section 303.390 Section 303.399
Illinois	Section 303.400 Section 303.409
Sangamon	Section 303.410 Section 303.419
Kankakee	Section 303.420 Section 303.429
Fox	Section 303.430 Section 303.439
Des Plaines/Lake Michigan	Section 303.440 Section 303.449

#### Section 303.311 Ohio River Temperature

Instead of the standards of Section 302.211(e) the water temperature at representative locations in the main river of the Ohio River shall not exceed the maximum limits in the following table during more than 1% of the hours in the 12 month period ending with any month. Moreover, at no time shall the water temperature at such location exceed the maximum limits in the following table by more than 1.7° C (3°F).

	°C	°F		°C	°F
JAN.	10	50	JUL.	32	89
FEB.	10	50	AUG.	32	89
MAR.	16	60	SEPT.	31	87
APR.	21	70	OCT.	26	78
MAY	27	80	NOV.	21	70
JUN.	31	87	DEC.	14	57

#### Section 303.312 Waters Receiving Fluorspar Mine Drainage

a) The fluoride standard of Section 302.208 shall not apply to waters which:

- 1) receive effluent from the mines and mills of the fluorspar mining and concentrating industry, and
- 2) have been designated by the Illinois State Water Survey as streams which once in ten years have an average minimum seven day low flow of zero.

b) Such waters shall meet the following standard with regard to fluoride:

<u>CONSTITUENT</u>	<u>STORET NUMBER</u>	<u>CONCENTRATION (mg/l)</u>
Fluoride	00950	5

#### Section 303.321 Wabash River Temperature

Instead of the standards of Section 302.211(e), the water temperature at representative locations in the main river of the Wabash River and its interstate tributaries shall not exceed the maximum limits in the following table during more than 1% of the hours in the 12 month period ending with any month. Moreover, at no time shall the water temperature at such locations exceed the maximum limits in the following table by more than 1.7° C (3° F).

	°C	°F		°C	°F
JAN.	10	50	JUL.	32	90
FEB.	10	50	AUG.	32	90
MAR.	16	60	SEPT.	32	90
APR.	21	70	OCT.	26	78
MAY	27	80	NOV.	21	70
JUN.	32	90	DEC.	14	57

#### Section 303.322 Unnamed Tributary of the Vermilion River

The fluoride standard of Sec. 302.208 shall not apply to waters of the State which are located from the point of a discharge to an unnamed tributary of the Vermilion River, said point being located 3900 feet south of the Vermilion River, 1900 feet north of I-74, at 40°6'35" north latitude and 87°68'52" west longitude, to the confluence of said unnamed tributary with the Vermilion River; and from there downstream to its juncture with the Indiana state border. Fluoride levels in such waters shall meet a

water quality standard for fluoride (Storet Number 00950) of 5 mg/l.

(Source: Added at 6 Ill. Reg. 11161, effective September 7, 1982)

**Section 303.331 Mississippi River North  
Temperature**

Instead of the standards of Section 302.211(e), the water temperature at representative locations in the main river of the Mississippi River from the Wisconsin border to the Rock River shall not exceed the maximum limits in the following table during more than 1% of the hours in the 12 month period ending with any month. Moreover, at no time shall the water temperature at such locations exceed the maximum limits in the following table by more than 1.7° C (3° F).

	°C	°F		°C	°F
JAN.	7	45	JUL.	30	86
FEB.	7	45	AUG.	30	86
MAR.	14	57	SEPT.	29	85
APR.	20	68	OCT.	24	75
MAY	26	78	NOV.	18	65
JUN.	29	85	DEC.	11	52

**Section 303.341 Mississippi River North  
Central Temperature**

Instead of the standards of Section 302.211(e), the water temperature at representative locations in the main river of the Mississippi River in the indicated locations shall not exceed the maximum limits in the following tables during more than 1% of the hours in the twelve month period ending with any month. Moreover, at no time shall the water temperature at such locations exceed the maximum limits in the following table by more than 1.7° C (3° F).

- a) In the Mississippi River from the Rock River to the Iowa/Missouri border:

	°C	°F		°C	°F
JAN.	7	45	JUL.	30	86
FEB.	7	45	AUG.	30	86
MAR.	14	57	SEPT.	29	85
APR.	20	68	OCT.	24	75
MAY	26	78	NOV.	18	65
JUN.	29	85	DEC.	11	52

- b) In the Mississippi River from the Iowa/Missouri border to the Illinois River:

	°C	°F		°C	°F
JAN.	7	45	JUL.	31	88
FEB.	7	45	AUG.	31	88
MAR.	14	57	SEPT.	29	86
APR.	20	68	OCT.	24	75
MAY	26	78	NOV.	18	65
JUN.	30	86	DEC.	11	52

**Section 303.351 Mississippi River South  
Central Temperature**

Instead of the standards of Section 302.211(e), the water temperature at representative locations in the main river of the Mississippi River in the indicated locations shall not exceed the maximum limits in the following tables during more than 1% of the hours in the twelve month period ending with any month. Moreover, at no time shall the water temperature at such locations exceed the maximum limits in the following table by more than 1.7° C (3° F).

- a) In the Mississippi River from the Illinois River to Alton Lock and Dam:

	°C	°F		°C	°F
JAN.	7	45	JUL.	31	88
FEB.	7	45	AUG.	31	88
MAR.	14	57	SEPT.	29	86
APR.	20	68	OCT.	24	75
MAY	26	78	NOV.	18	65
JUN.	30	86	DEC.	11	52

- b) In the Mississippi River from Alton Lock and Dam to the Kaskaskia River:

	°C	°F		°C	°F
JAN.	10	50	JUL.	32	89
FEB.	10	50	AUG.	32	89
MAR.	16	60	SEPT.	31	87
APR.	21	70	OCT.	26	78
MAY	27	80	NOV.	21	70
JUN.	31	87	DEC.	14	57

**Section 303.352 Unnamed Tributary of Wood  
River Creek**

- a) This section applies to the unnamed tributary of Wood River Creek which enters Wood River Creek 4700 feet above the confluence of Wood River Creek with the Mississippi River from a point 450 feet above the confluence of the unnamed tributary and Wood River Creek to said confluence, and in Wood River Creek from said confluence to the confluence of Wood River Creek and the Mississippi River.

- b) Such waters shall meet the following standard instead of the boron standard of Section 302.208:

CONSTITUENT	STORET NUMBER	CONCENTRATION (mg/l)
Boron	-----	15

(Source: Added at 2 Ill. Reg. 221, effective July 5, 1978)

**Section 303.353 Schoenberger Creek; Unnamed  
Tributary of Cahokia Canal**

- a) This rule shall apply to:

- 1) The final 1500 feet of Schoenberger Creek starting immediately south of the Baltimore and Ohio main tracks and running north to an unnamed tributary of the Cahokia Canal; and
  - 2) The unnamed tributary from its confluence with Schoenberger Creek as it runs west and northwest for a distance of 8000 feet to its confluence with the Cahokia Canal.
- b) The standard of 35 Ill. Adm. Code 302.208 for the parameter listed below does not apply to these waters. Instead, the following level shall not be exceeded:

CONSTITUENT	STORET NUMBER	CONCENTRATION (mg/l)
Iron (total)	01045	20

(Source: Added at 7 Ill. Reg. 8111, effective June 23, 1983)

#### Section 303.361 Mississippi River South Temperature

Instead of the standards of Section 302.211(e), the water temperature at representative locations in the main river of the Mississippi River from the Kaskaskia River to the Ohio River shall not exceed the maximum limits in the following table during more than 1% of the hours in the 12 month period ending with any month. Moreover, at no time shall the water temperature at such locations exceed the maximum limits in the following table by more than 1.7° C (3° F).

	°C	°F		°C	°F
JAN.	10	50	JUL.	32	89
FEB.	10	50	AUG.	32	89
MAR.	16	60	SEPT.	31	87
APR.	21	70	OCT.	26	78
MAY	27	80	NOV.	21	70
JUN.	31	87	DEC.	14	57

#### Section 303.441 Secondary Contact Waters

The following are designated as secondary contact and indigenous aquatic life waters and must meet the water quality standards of Subpart D, Part 302:

- a) The Chicago Sanitary and Ship Canal;
- b) The Calumet-Sag Channel;
- c) The Little Calumet River from its junction with the Grand Calumet River to the Calumet-Sag Channel;
- d) The Grand Calumet River;
- e) The Calumet River;
- f) Lake Calumet;
- g) The South Branch of the Chicago River;

- h) The North Branch of the Chicago River from its confluence with the North Shore Channel to its confluence with the South Branch;
- i) The DesPlaines River from its confluence with the Chicago Sanitary and Ship Canal to the Interstate 55 bridge; and
- j) The North Shore Channel, except that dissolved oxygen in said Channel shall be not less than 5 mg/l during 16 hours of any 24 hour period, nor less than 4 mg/l at any time.

#### Section 303.442 Waters Not Designated for Public Water Supply

The following waters are not required to meet the public and food processing water supply standards of Subpart C, Part 302, even where designated as general use waters:

- a) The Chicago River
- b) The Little Calumet River.

#### Section 303.443 Lake Michigan

The waters of Lake Michigan shall meet the Lake Michigan water quality standards of Subpart E.

### SUBPART D: THERMAL DISCHARGES

#### Section 303.500 Scope and Applicability

Subpart D contains site specific water quality based thermal discharge standards. These are now determined without rulemaking pursuant to Section 302.211 and Part 106 of Subtitle A.

(Note: Prior to codification, Part VI of Ch 1: Procedural Rules.)

#### Section 303.502 Lake Sangchris Thermal Discharges

The thermal discharge to Lake Sangchris shall meet the following standards and conditions: The effluent temperature shall not exceed 37° C (99° F) during more than seven (7) percent of the hours in the 12 month period ending with any month and shall at no time exceed 44° C (111° F).

### Appendix A: References to Previous Rules

Chapter 3: Water Pollution	35 Ill. Admin. Code
Part II, Water Quality Standards	Parts 302 and 303

Unnumbered Preamble	Section 303.100, 303.101, 303.201
Rule 301	Section 303.201
Rule 302 Preamble	Section 302.402
Rule 302 Main Body	Section 303.441
Rule 302 Appendix	Section 303.102
Rule 303	Section 303.301, 303.202
Rule 303(a)	Section 303.442
Rule 303(b)	Section 303.442



**Appendix B: Sources of Codified Sections**

35 Ill. Admin. Code Parts 302 and 303	Chapter 3: Water Pollution Part II, Water Quality Standards Part III, Water Use Designations
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**Section**

303.100	General, Preamble to Part III
303.101	Preamble to Part III
303.102	Rule 302 Appendix
303.200	General, Preamble to Part III
303.201	Preamble to Part III, Rule 203
303.202	Rule 204 and Rule 303
303.203	Rule 207
303.204	Rule 302, Preamble
303.300	General
303.301	General
303.311	Rule 203(i)(4)
303.312	Rule 203.1(a)
303.321	Rule 203(i)(4)
303.331	Rule 203(i)(4)
303.341	Rule 203(i)(4)
303.351	Rule 203(i)(4)
303.352	Rule 203.1(b)
303.361	Rule 203(i)(4)
303.441	Rule 302, Main Body
303.442	Rule 303(a), Rule 303(b)
303.443	Rule 206
303.500	General, Rule 203(i)(10)(ee)
303.502	Rule 203(i)(11)(bb)

TITLE 35: ENVIRONMENTAL PROTECTION

SUBTITLE C: WATER POLLUTION

CHAPTER I: POLLUTION CONTROL BOARD

PART 304

EFFLUENT STANDARDS

SUBPART A: GENERAL EFFLUENT STANDARDS

Section	
304.101	Preamble
304.102	Dilution
304.103	Background Concentrations
304.104	Averaging
304.105	Violation of Water Quality Standards
304.106	Offensive Discharges
304.120	Deoxygenating Wastes
304.121	Bacteria
304.122	Nitrogen (STORET number 00610)
304.123	Phosphorus (STORET number 00665)
304.124	Additional Contaminants
304.125	pH
304.126	Mercury
304.140	Delays in Upgrading
304.141	NPDES Effluent Standards
304.142	New Source Performance Standards (repealed)

SUBPART B: SITE SPECIFIC RULES AND  
EXCEPTIONS NOT OF GENERAL APPLICABILITY

304.201	Calumet Treatment Plant Cyanide Discharges
304.202	Chlor-alkali Mercury Discharges in St. Clair County
304.203	Copper Discharges by Olin Corporation
304.204	Schoenberger Creek: Groundwater Discharges
304.205	John Deere Foundry Discharges
304.206	Alton Water Company Treatment Plant Discharges
304.207	Galesburg Sanitary District Deoxygenating Wastes Discharges
304.208	City of Lockport Treatment Plant Discharges
304.209	Wood River Station Total Suspended Solids Discharges
304.212	Sanitary District of Decatur Discharges
304.213	Union Oil Refinery
304.214	Mobile Oil Refinery Ammonia Discharge

SUBPART C: TEMPORARY EFFLUENT STANDARDS

Section	
304.301	Exception for Ammonia Nitrogen Water Quality Violations

Appendix: References to Previous Rules

AUTHORITY: Implementing Section 13 and authorized by Section 27 of the Environmental Protection Act (Ill. Rev. Stat. 1981, ch. 111 1/2, pars. 1013 and 1027).

SOURCE: Filed with the Secretary of State January 1, 1978; amended at 2 Ill. Reg. 30, p. 343, effective July 27, 1978; amended at 2 Ill. Reg. 44, p. 151, effective November 2, 1978; amended at 3 Ill. Reg. 20, p. 95, effective May 17, 1979; amended at 3 Ill. Reg. 25, p. 190, effective June 21, 1979; amended at 4 Ill. Reg. 20, p. 53, effective May 7, 1980; amended at 6 Ill. Reg. 563, effective December 24, 1981;

codified at 6 Ill. Reg. 7818, amended at 6 Ill. Reg. 11161, effective September 7, 1982; amended at 6 Ill. Reg. 13750, effective October 26, 1982; amended at 7 Ill. Reg. 3020, effective March 4, 1983; amended at 7 Ill. Reg. 8111, effective June 23, 1983; amended at 7 Ill. Reg. 14515, effective October 14, 1983; amended at 7 Ill. Reg. 14910, effective November 14, 1983; amended at 8 Ill. Reg. 1600, effective January 18, 1984; amended at 8 Ill. Reg. 3687, effective March 14, 1984; amended at 8 Ill. Reg. 8237, effective June 8, 1984; amended at 9 Ill. Reg. 1379, effective January 21, 1985; amended at 9 Ill. Reg. 4510, effective March 22, 1985; peremptory amendment at 10 Ill. Reg. 456, effective December 23, 1985; amended at 11 Ill. Reg. 3117 effective January 28, 1987; amended in R84-13 at 11 Ill. Reg. 7291, effective April 3, 1987; amended in R86-17(a) at 11 Ill. Reg. 14748, effective August 24, 1987; amended in R84 16 at 12 Ill. Reg. 2445, effective January 15, 1988.

SUBPART A: GENERAL EFFLUENT STANDARDS

Section 304.101 Preamble

- a) This part prescribes the maximum concentrations of various contaminants that may be discharged to the waters of the State. Subpart A contains general effluent limitations. Subpart B contains site specific rules and exceptions not of general applicability. Subpart C contains temporary rules.
- b) Unless the contrary is clearly indicated, all references to "Parts" or "Sections" are to Ill. Adm. Code, Title 35: Environmental Protection. For example, "Part 309" is 35 Ill. Adm. Code 309, and "Section 309.101" is 35 Ill. Adm. Code 309.101.

Section 304.102 Dilution

- a) Dilution of the effluent from a treatment works or from any wastewater source is not acceptable as a method of treatment of wastes in order to meet the standards set forth in this Part. Rather, it shall be the obligation of any person discharging contaminants of any kind to the waters of the state to provide the best degree of treatment of wastewater consistent with technological feasibility, economic reasonableness and sound engineering judgment. In making determinations as to what kind of treatment is the "best degree of treatment" within the meaning of this paragraph, any person shall consider the following:
  - 1) What degree of waste reduction can be achieved by process change, improved housekeeping and recovery of individual waste components for reuse; and
  - 2) Whether individual process wastewater streams should be segregated or combined.
- b) In any case, measurement of contaminant concentrations to determine compliance with the effluent standards shall be made at the

point immediately following the final treatment process and before mixture with other waters, unless another point is designated by the Agency in an individual permit, after consideration of the elements contained in this section. If necessary the concentrations so measured shall be recomputed to exclude the effect of any dilution that is improper under this Section.

#### Section 304.103 Background Concentrations

Because the effluent standards in this Part are based upon concentrations achievable with conventional treatment technology which is largely unaffected by ordinary levels of contaminants in intake water, they are absolute standards that must be met without subtracting background concentrations. However, it is not the intent of these regulations to require users to clean up contamination caused essentially by upstream sources or to require treatment when only traces of contaminants are added to the background. Compliance with the numerical effluent standards is therefore not required when effluent concentrations in excess of the standards result entirely from influent contamination, evaporation, and/or the incidental addition of traces of materials not utilized or produced in the activity that is the source of the waste.

#### Section 304.104 Averaging

a) Except as otherwise specifically provided, proof of violation of the numerical standards of this Part shall be on the basis of one or more of the following averaging rules:

- 1) No monthly average shall exceed the prescribed numerical standard.
- 2) No daily composite shall exceed two times the prescribed numerical standard.
- 3) No grab sample shall exceed five times the prescribed numerical standard.

b) Terms used in Section 304.104(a) shall have the following meanings:

- 1) The monthly average shall be the numerical average of all daily composites taken during a calendar month. A monthly average must be based on at least three daily composites.
- 2) A daily composite shall be the numerical average of all grab samples, or the result of analysis of a single sample formed by combining all aliquots, taken during a calendar day. A daily composite must be based on at least three grab samples or three aliquots taken at different times.
- 3) A grab sample is a sample taken at a single time. Aliquots of a daily composite are grab samples only if they are analyzed separately.

c) Section 304.104(a) establishes a method of interpretation of the effluent standards of

this Part. The Agency shall consider the averaging rule in deciding whether an applicant has demonstrated that a facility complies with this Part for purposes of permit issuance and in writing the effluent standards into permit conditions. Reporting and monitoring requirements are established by way of permit condition pursuant to Sections 305.102 and 309.146.

d) Proof of violation of effluent limitations contained in permits shall be based on the language of the permit.

(Source: Amended at 6 Ill. Reg. 563, effective December 24, 1981)

#### Section 304.105 Violation of Water Quality Standards

In addition to the other requirements of this Part, no effluent shall, alone or in combination with other sources, cause a violation of any applicable water quality standard. When the Agency finds that a discharge which would comply with effluent standards contained in this Part would cause or is causing a violation of water quality standards, the Agency shall take appropriate action under Section 31 or Section 39 of the Act to require the discharge to meet whatever effluent limits are necessary to ensure compliance with the water quality standards. When such a violation is caused by the cumulative effect of more than one source, several sources may be joined in an enforcement or variance proceeding, and measures for necessary effluent reductions will be determined on the basis of technical feasibility, economic reasonableness and fairness to all dischargers.

#### Section 304.106 Offensive Discharges

In addition to the other requirements of this Part, no effluent shall contain settleable solids, floating debris, visible oil, grease, scum or sludge solids. Color, odor and turbidity must be reduced to below obvious levels.

#### Section 304.120 Deoxygenating Wastes

Except as provided in Section 306.103, all effluents containing deoxygenating wastes shall meet the following standards:

- a) No effluent shall exceed 30 mg/l of five day biochemical oxygen demand (BOD<sub>5</sub>) (STORET number 00310) or 30 mg/l of suspended solids (STORET number 00530), except that treatment works employing three stage lagoon treatment systems which are properly designed, maintained and operated, and whose effluent has a dilution ratio no less than five to one or who qualify for exceptions under paragraph (c) shall not exceed 37 mg/l of suspended solids.
- b) No effluent from any source whose untreated waste load is 10,000 population equivalents or more, or from any source discharging into the Chicago River System or into the Calumet

River System, shall exceed 20 mg/l of BOD<sub>5</sub> or 25 mg/l of suspended solids.

c) No effluent whose dilution ratio is less than five to one shall exceed 10 mg/l of BOD<sub>5</sub> or 12 mg/l of suspended solids, except that sources employing third stage treatment lagoons shall be exempt from this paragraph (c) provided all of the following conditions are met:

1) The waste source qualifies under one of the following categories:

- A) Any wastewater treatment works with an untreated waste load less than 2500 population equivalents, which is sufficiently isolated that combining with other sources to aggregate 2500 population equivalents or more is not practicable.
- B) Any publicly owned treatment works in existence on January 1, 1986 whose untreated waste load is 5000 population equivalents or less and sufficiently isolated that combining to aggregate 5000 population equivalents or more is not practicable.
- C) Any publicly owned treatment works with an untreated waste load of 5000 population equivalents or less, which has reached the end of its useful life by January 1, 1987, and is sufficiently isolated that combining to aggregate 5000 population equivalents or more is not practicable.

2) The lagoons are properly constructed, maintained and operated; and

3) The deoxygenating constituents of the effluent do not, alone or in combination with other sources, cause a violation of the applicable dissolved oxygen water quality standard.

d) No effluent discharged to the Lake Michigan basin shall exceed 4 mg/l of BOD<sub>5</sub> or 5 mg/l of suspended solids.

e) Compliance with the numerical standards in this Section shall be determined on the basis of the type and frequency of sampling prescribed by the NPDES permit for the discharge at the time of monitoring.

For the purposes of this Section, useful life is the period of time during which it is cost effective to operate and maintain a particular wastewater treatment works under consideration. At a minimum, the following factors relating to a wastewater treatment works shall be considered in a determination of its useful life:

- 1) Structural and operational condition of components;
- 2) Past operations and maintenance record;
- 3) Cost for continued use; and

4) Description and costs for treatment alternatives.

(Source: Amended at 11 Ill. Reg. 14748, effective August 24, 1987)

#### Section 304.121 Bacteria

No effluent governed by this Part which discharges to general use waters shall exceed 400 fecal coliform per 100 ml.

#### Section 304.122 Nitrogen (STORET number 00610)

a) No effluent from any source which discharges to the Illinois River, the Des Plaines River downstream of its confluence with the Chicago River System or the Calumet River System, and whose untreated waste load is 50,000 or more population equivalents shall contain more than 2.5 mg/l of ammonia nitrogen as N during the months of April through October, or 4 mg/l at other times.

b) Sources discharging to any of the above waters and whose untreated waste load cannot be computed on a population equivalent basis comparable to that used for municipal waste treatment plants and whose ammonia nitrogen discharge exceeds 45.4 kg/day (100 pounds per day) shall not discharge an effluent of more than 3.0 mg/l of ammonia nitrogen.

#### Section 304.123 Phosphorus (STORET number 00665)

a) No effluent discharge within the Lake Michigan Basin shall contain more than 1.0 mg/l of phosphorus as P.

b) No effluent from any source which discharges within the Fox River Basin above and including Piskatee Lake and whose untreated waste load is 1500 or more population equivalents shall contain more than 1.0 mg/l of phosphorus as P.

c) No effluent from any source which discharges to a lake or reservoir with a surface area of 8.1 ha (20 acres) or more or to any tributary to such a lake or reservoir and whose untreated waste load is 5000 or more population equivalents shall contain more than 1.0 mg/l of phosphorus as P.

d) No effluent from any source which discharges to a lake or reservoir with a surface area of 8.1 ha (20 acres) or more which does not comply with Section 302.205 or to any tributary to such a lake or reservoir and whose untreated waste load is 1500 or more population equivalents and which is not governed by Sections 304.120(a) or 304.120(c) shall contain more than 1.0 mg/l of phosphorus as P.

e) For the purposes of this Section the term "lake or reservoir" shall not include low level pools constructed in free flowing streams or any body of water which is an integral part of an operation which includes the application of sludge on land.

f) Compliance with the limitations of paragraph (c) shall be achieved by the following dates:

- 1) New sources shall comply on the effective date of this regulation, and
- 2) Existing sources shall comply by December 31, 1980, or such other date as required by NPDES permit, or as ordered by the Board under Title VIII or Title IX of the Act.

g) Compliance with the limitations of paragraph (d) shall be achieved by December 31, 1985, or such other date as required by NPDES permit, or as ordered by the Board under Title VIII or Title IX of the Act.

(Source: Amended at 3 Ill. Reg. 95, effective May 17, 1979)

#### Section 304.124 Additional Contaminants

a) No person shall cause or allow the concentration of the following constituents in any effluent to exceed the following levels, subject to the averaging rules contained in Section 304.104(a).

CONSTITUENT	STORET NUMBER	CONCENTRATION (mg/l)
Arsenic	01002	0.25
Barium	01007	2.0
Cadmium	01027	0.15
Chromium (hexavalent)	01032	0.1
Chromium (total)	01034	1.0
Copper	01042	0.5
Cyanide	00720	0.10
Fluoride	00951	15.0
Iron (total)	01045	2.0
Lead	01051	0.2
Manganese	01055	1.0
Nickel	01067	1.0
Oils (hexane soluble or equivalent)	00550	15.0
Phenols	32730	0.3
Silver	01077	0.1
Zinc	01092	1.0
Total Suspended Solids	00530	15.0

(From sources other than those covered by Section 304.120)

- b) Discharges of hexavalent chromium shall be subject to the averaging rule of Section 304.104 modified as follows: monthly averages shall not exceed 0.1 mg/l; daily composites shall not exceed 0.3 mg/l; and, grab samples shall not exceed 1.0 mg/l.
- c) Oil may be analytically separated into polar and nonpolar components. If such separation is done, neither of the components may exceed 15 mg/l (i.e. 15 mg/l polar materials and 15 mg/l nonpolar materials).
- d) Unless otherwise indicated, concentrations refer to the total amount of the constituent present in all phases, whether solid,

suspended or dissolved, elemental or combined, including all oxidation states. Where constituents are commonly measured as other than total, the word "total" is inserted for clarity.

e) The following table is provided for cross referencing purposes:

CONSTITUENT	SECTION(S)
Ammonia nitrogen	304.301, 304.122
Bacteria	304.121
Biochemical Oxygen Demand	304.120
Deoxygenating Wastes	304.120
Mercury	304.125
Nitrogen, ammonia	304.301, 304.122
pH	304.126
Phosphorus	304.123

(Source: Amended at 6 Ill. Reg. 563, effective December 24, 1981)

#### Section 304.125 pH

a) Except as provided below no person shall cause or allow the negative logarithm of the hydrogen ion concentration (pH) in any effluent to be more or less respectively than the maximum and minimum values for pH range indicated in the following table:

CONSTITUENT	STORET NUMBER	RANGE
pH	00400	6-9

- b) The pH limitation is not subject to the averaging rule contained in Section 304.104(a).
- c) Effluents which are monitored so as to provide a permanent, continuous pH record may be outside of the listed range for a total of not more than fifteen minutes in any day provided the excursion is accidental and less than one pH unit above or below the listed range.
- d) The pH 9 maximum limitation may be exceeded if the elevated pH level:
  - 1) is caused entirely by algae in treatment lagoons, in which case there is no upper pH limit; or
  - 2) is caused by the addition of alkali in the waste water treatment process to cause precipitation of barium, cadmium, chromium, copper, lead, manganese, zinc or other materials requiring such elevated pH for treatment, in which case the upper limit shall be pH 10 and subsection (c) shall not apply to the upper limit.
- e) The burden of proving that paragraph (c) or (d) applies is upon the discharger.

(Source: Added at 6 Ill. Reg. 563, effective December 24, 1981)

Section 304.126 Mercury

- a) Except as provided below, no person shall cause or allow the concentration of mercury in any effluent to exceed the following level, subject to the averaging rule contained in Section 304.104(a).

CONSTITUENT	STORET NUMBER	CONCENTRATION (mg/l)
Mercury	71900	0.0005

- b) It shall be an exception to paragraph (a) if all of the following conditions are met:

- 1) The discharger does not use mercury; or, the discharger uses mercury and this use cannot be eliminated; or, the discharger uses mercury only in chemical analysis or in laboratory or other equipment and takes reasonable care to avoid contamination of wastewater; and,
- 2) The effluent mercury concentration is less than 0.003 mg/l, as determined by application of the averaging rules of Section 304.104(a); and
- 3) The discharger is providing the best degree of treatment consistent with technological feasibility, economic reasonableness and sound engineering judgment. This may include no treatment for mercury; and
- 4) The discharger has an inspection and maintenance program likely to reduce or prevent an increase in the level of mercury discharges.

- c) It shall be an exception to paragraph (a) if all of the following conditions are met:

- 1) The discharger is a publicly owned or publicly regulated sewage treatment works; and
- 2) The discharger does not use mercury; or, the discharger uses mercury only in chemical analysis or in laboratory or other equipment and takes reasonable care to avoid contamination of wastewater; and
- 3) The effluent mercury concentration is less than 0.003 mg/l, as determined by application of the averaging rules of Section 304.104(a); provided, however, that daily averages may exceed 0.006 mg/l 30% of the time; and
- 4) The discharger has enforceable ordinances or contract provisions whereby it limits use of mercury by dischargers and discharge of mercury into its sewage system; and
- 5) The discharger's limitations on use and discharge of mercury to its sewage system are at least as stringent as those provided in Section 307.103; and

- 6) The discharger has a surveillance program with a reasonable likelihood of determining sources of mercury discharged to the sewage system; and

- 7) The discharger takes all lawful steps to eliminate known mercury discharges to the sewage system which contribute levels in excess of those allowed by Section 307.103; and

- 8) The discharger reports all known violations of Section 307.103 to the Agency.

- d) For purposes of permit issuance the Agency may consider application of the exceptions of this section to determine compliance with this section. The Agency may impose permit conditions necessary or required to assure continued application of an exception. When paragraph (b) applies, the Agency may impose an effluent limitation in the permit which allows discharge of a concentration of mercury greater than 0.0005 mg/l but not more than 0.003 mg/l.

(Source: Added at 6 Ill. Reg. 563, effective December 24, 1981)

Section 304.140 Delays in Upgrading

- a) All effluent standards required to be met on December 31, 1973 or December 31, 1974 and in response to Section 304.301 shall be met unless:

- 1) The discharger is eligible for a construction grant under Section 201(g) of the Clean Water Act; and,
- 2) The discharger has filed an application for a construction grant on or before December 31, 1975; and,
- 3) The discharger has timely taken all necessary pre grant and post-grant actions appropriate to the specific grant step for which the discharger is then eligible.
- 4) The exemption provided in (a)(1), (a)(2) and (a)(3) above shall terminate upon completion of construction under the grant provided and compliance with the provisions of this Section shall thereafter be required.

- b) Nothing in paragraph (a) above shall limit the power of the Board to enter an abatement order pursuant to Section 46 of the Act necessary to abate pollution of the waters of the State, when the Board has found, as the result of an enforcement or variance case initiated under Titles VIII or IX of the Act, that the discharger is causing a violation of the Act or the regulations.

- c) The following Sections were required to be met on December 31, 1973, or December 31, 1974:

Section	Old Rule Number	Date
304.120(c)	404(c)	December 31, 1973
304.120(d)	404(d)	December 31, 1974
304.121	405 (Discharges to Ohio and Mississippi Rivers only)	December 31, 1973
304.122(b)	406 (Second paragraph of old Rule 406 only)	December 31, 1974

(Source: 6 Ill. Reg. 11161, effective September 7, 1982)

#### Section 304.141 NPDES Effluent Standards

- No person to whom an NPDES Permit has been issued may discharge any contaminant in his effluent in excess of the standards and limitations for that contaminant which are set forth in his permit.
- No person may discharge any pollutant subject to, or which contributes or threatens to cause a violation of, any applicable federal or state water quality standard, effluent standard, guideline or other limitation, promulgated pursuant to the CWA or the Act, unless limitation for such a pollutant has been set forth in an applicable NPDES Permit. However, the Agency may, by permit condition, provide that the permittee may discharge pollutants present in its water supply intake sources in concentrations not greater than the concentrations in the intake sources, or which are added in trace amounts by normal domestic water usage.
- The standards of this Chapter shall apply to thermal discharges unless, after public notice and opportunity for public hearing, in accordance with Section 316 of the CWA and applicable federal regulations, the Administrator and the Board have determined that different standards shall apply to a particular thermal discharge.

<sup>1</sup>Section 304.141(b) was declared invalid in *Peabody Coal Co. v. PCB*, 3 Ill. App. 3d 5 (5th District, 1976) and declared valid in *U.S. Steel v. PCB*, 52 Ill. App. 3d 1 (2d District, 1977).

#### Section 304.142 New Source Performance Standards (repealed)

(Source: Repealed at 8 Ill. Reg. 1600, effective January 18, 1984)

#### SUBPART B: SITE SPECIFIC RULES AND EXCEPTIONS NOT OF GENERAL APPLICABILITY

#### Section 304.201 Calumet Treatment Plant Cyanide Discharges

The general effluent standard of Section 304.124 does not apply to cyanide discharged from the Calumet Treatment Plant of Metropolitan Sanitary District of Greater Chicago. Instead it must

meet the following effluent standard, subject to the averaging rule of Section 304.104(a):

CONSTITUENT	STORET NUMBER	CONCENTRATION (mg/l)
Cyanide	00720	0.15

(Source: Amended at 6 Ill. Reg. 563, effective December 24, 1981)

#### Section 304.202 Chlor-alkali Mercury Discharges in St. Clair County

The mercury discharge standards of Sections 304.124 and 307.103 shall not apply to any manufacturing facility which operates chlor-alkali cells, is located in St. Clair County and discharges directly or indirectly into the Mississippi River; or to any publicly owned treatment works which receives such a manufacturing facility's wastewater. The amount of mercury discharged by any such manufacturing facility shall not exceed an average of 114 g/day (0.25 pounds per day) during any calendar month and maximum of 227 g (0.5 pounds) during any one day. Any publicly owned treatment works which, directly or indirectly, receives such a manufacturing facility's wastewater shall be entitled to discharge mercury in excess of the levels provided in Section 304.124 to the extent that said discharge exceeds those levels because of such a manufacturing facility's discharge.

(Source: Amended at 6 Ill. Reg. 563, effective December 24, 1981)

#### Section 304.203 Copper Discharges by Olin Corporation

This section applies to an existing facility owned by Olin Corporation which discharges to Wood River Creek and the East Fork of Wood River Creek in Madison County. Such discharges shall not be subject to Section 304.105 as it applies to the water quality standard for copper of 35 Ill. Adm. Code 302.208.

(Source: Added at 7 Ill. Reg. 3020, effective March 4, 1983)

#### Section 304.204 Schoenberger Creek: Groundwater Discharge

- This rule shall apply to discharges from an existing facility owned by Pfizer Corporation to Schoenberger Creek immediately south of the Baltimore and Ohio main tracks in T2N, R9W of the 3rd P.M., St. Clair County.
- This rule shall apply only to discharges of groundwater used as non-contact cooling water in which naturally occurring background concentrations have not been increased by industrial or other human use.
- Instead of the general effluent standards set forth in Section 304.124 for the listed parameters, these discharges shall not exceed the following limitations:

CONSTITUENT	STORET NUMBER	CONCENTRATION (mg/l)
Iron (total)	01045	20
Total Suspended Solids	00530	37

(Source: Added at 7 Ill. Reg. 8111, effective June 23, 1983)

#### Section 304.205 John Deere Foundry Discharges

- a) This Section applies to existing effluent discharges from an existing nodular iron foundry owned by Deere and Company which discharges to tributaries of Sugar Creek in Sections 29 and 30, T18N, R1E of the Fourth Principal Meridian, Rock Island County.
- b) If paragraphs (c) and (d) are met, such discharges shall not be subject to Section 304.105 as it applies to the following water quality standards:
  - 1) 35 Ill. Adm. Code 302.211(c);
  - 2) 35 Ill. Adm. Code 302.211(d); and,
  - 3) 35 Ill. Adm. Code 302.208 with respect to total dissolved solids and iron (total).
- c) No person shall cause or allow temperature in any effluent discharge subject to this Section to exceed 37 degrees C (98 degrees F) at any time.
- d) No person shall cause or allow the concentration of total dissolved solids (STORET 70300) in any effluent discharge subject to this Section to exceed 2200 mg/l, subject to the averaging rule of Section 304.104.

(Source: Added at 7 Ill. Reg. 14515, effective October 14, 1983)

#### Section 304.206 Alton Water Company Treatment Plant Discharges

This Section applies to the existing 18.3 million gallons per day potable drinking water treatment plant owned by the Alton Water Company which is located at, and discharges into, river mile 204.4 on the Mississippi River. Such discharges shall not be subject to the effluent standards for total suspended solids and total iron of 35 Ill. Adm. Code 304.124.

(Source: Added at 8 Ill. Reg. 3687, effective March 14, 1984)

#### Section 304.207 Galesburg Sanitary District Deoxygenating Wastes Discharges

- a) The deoxygenating wastes general effluent standards of Section 304.120(c) shall not apply to the Galesburg Sanitary District discharges into Cedar Creek. Such discharges must meet the deoxygenating wastes general effluent standards set below:

CONSTITUENT	STORET NUMBER	CONCENTRATION (mg/l)
800 <sub>5</sub>	00310	
April-November		17
December-March		20
Suspended Solids	00530	
June-January		15
February-May		25

- b) The above standard shall apply so long as the Galesburg Sanitary District achieves:

- 1) by November 1, 1984, compliance with 35 Ill. Adm. Code 302.206 throughout Cedar Creek downstream of the treatment plant outfall, by effluent aeration, in-stream aeration, or other means,
  - 2) by November 1, 1984, the prevention of overflows from the intercepting sewers prior to surcharging except where basement back-ups would result,
  - 3) by March 1, 1984, an operational procedure for the influent pumps which prevents interceptor surcharging at flows below hydraulic capacity,
  - 4) by March 1, 1984, the elimination of all downspout connections, and
  - 5) by November 1, 1984, the prevention of inflow by sealing all leaking catch basins, replacing all leaking manhole lids and frames, and sealing drainage inlets.
- c) If the conditions set out in paragraph (b), above, are not met, the deoxygenating wastes general effluent standards of Section 304.120(c) shall apply to the Galesburg Sanitary District discharges into Cedar Creek.

(Source: Added at 8 Ill. Reg. 8237, effective May 29, 1984)

#### Section 304.208 City of Lockport Treatment Plant Discharges

- a) This Section applies only to discharges from the City of Lockport's sewage treatment plant into Deep Run Creek in Will County, Illinois.
- b) The provisions of Section 304.120 shall not apply to said discharges, provided that said discharges shall not exceed 20 mg/l of five day biochemical oxygen demand (800<sub>5</sub>) (STORET number 00310) or 25 mg/l of total suspended solids (STORET number 00530).
- c) The provisions of Section 302.212(b) and Section 302.212(e) shall not apply to said discharges, provided that said discharges do not cause or contribute to a violation of water quality standards in the DesPlaines River or the Chicago Sanitary and Ship Canal.

(Source: Added at 9 Ill. Reg. 1379, effective January 21, 1985)



Section 304.209 Wood River Station Total  
Suspended Solids Discharges

The limitation on the discharge of Total Suspended Solids contained in Section 304.124(a) shall not apply to the discharge from the ash pond system of Illinois Power Company's Wood River Station, located in East Alton, Illinois. Instead, the concentration of Total Suspended Solids shall not exceed 30 mg/l as an average of daily values for thirty (30) consecutive days and shall not exceed 50 mg/l as a maximum for any one (1) day.

(Source: Added at 9 Ill. Reg. 4510, effective March 22, 1985)

Section 304.212 Sanitary District of Decatur  
Discharges

- a) This Section applies only to effluent discharges from the Sanitary District of Decatur's Sewage Treatment Plant into the Sangamon River, Macon County, Illinois.
- b) The provisions of Section 304.120(c) shall not apply to said discharges, provided that said discharges shall not exceed 20 mg/l of five day biochemical oxygen demand (BOD<sub>5</sub>) (STORET number 00310) and 25 mg/l of total suspended solids (STORET number 00530).

(Source: Added at 11 Ill. Reg. 3117, effective January 28, 1987.)

Section 304.213 Union Oil Refinery Ammonia  
Discharge

- a) This Section applies to discharges from Union Oil Company of California's Chicago Refinery, located in Lemont into the Chicago Sanitary and Ship Canal.
- b) The requirements of Section 304.122(b) shall not apply to the discharge. Instead Union must meet applicable Best Available Technology Economically Achievable (BAT) limitations pursuant to 40 CFR 419.23 (1985) incorporated by reference in subsection (c).
- c) The Board incorporates by reference 40 CFR 419.23 (1985) only as it relates to ammonia nitrogen as N. This incorporation includes no subsequent amendments or editions.
- d) Union shall continue its efforts to reduce the concentration of ammonia nitrogen in its wastewaters.
- e) Union shall monitor the nitrogen concentrations of its oil feedstocks and report on an annual basis such concentrations to the Agency.
- f) Union shall submit the reports described in subsection (e) no later than 30 days after the end of a calendar year.
- g) The provisions of this Section shall terminate on December 31, 1993.

(Source: Added at 11 Ill. Reg. 7291, effective April 3, 1987)

Section 304.214 Mobil Oil Refinery Ammonia  
Discharge

- a) This Section applies to discharges from Mobil Oil Corporation's Refinery, located near Joliet, into the DesPlaines River.
- b) The requirements of Section 304.122(b) shall not apply to Mobil's discharge. Instead Mobil's discharge shall not exceed the following limitations:

CONSTITUENT	CONCENTRATION (mg/l)
Ammonia Nitrogen	
Monthly Average	20
Daily Composite	35

- c) Section 304.104(a) shall not apply to this Section. Monthly average and daily composites are as defined in Section 304.104(b).
- d) Mobil shall monitor the nitrogen concentration of its oil feedstocks and report on an annual basis such concentrations to the Agency. The report shall be filed with the Agency by January 31 of each year.
- e) The provisions of this Section shall terminate on December 31, 1993.

(Source: Added at 12 Ill. Reg. 2445, effective January 15, 1988)

SUBPART C: TEMPORARY EFFLUENT STANDARDS

Section 304.301 Exception for Ammonia  
Nitrogen Water Quality  
Violations

- a) Section 304.105 shall not apply to Section 302.212 for any effluent from a source in existence on April 1, 1977, having an untreated ammonia influent loading not exceeding 60 pounds per day and not otherwise needing upgrading to meet the requirements of this chapter.
- b) Section 304.105 shall not apply to Section 302.212 for any source during the months of November through March; except that during the months of November through March no source not exempt under paragraph (a) shall discharge an effluent containing a concentration of ammonia nitrogen greater than 4.0 mg/l if the discharge, alone or in combination with other discharges, causes or contributes to a violation of that portion of Section 302.212.
- c) Compliance with the provisions of paragraph (b) shall be achieved by March 31, 1979, or such other date as required by NPDES permit, or as ordered by the Board under Title VIII or Title IX of the Environmental Protection Act.
- d) After July 1, 1988, the exemptions provided in this section shall terminate.

(Source: 6 Ill. Reg. 11161, effective September 7, 1982)

#### Appendix: References to Previous Rules

The following table is provided to aid in referencing old Board rule numbers to section numbers pursuant to codification.

Chapter 3: Water Pollution	35 Ill. Admin. Code
Part IV, Effluent Standards	Part 304

Unnumbered Preamble	Section 304.101
Rule 401(a)	Section 304.102
Rule 401(b)	Section 304.103
Rule 401(c)	Section 304.104
Rule 402	Section 304.105
Rule 402.1	Section 304.301
Rule 403	Section 304.106
Rule 404	Section 304.120
Rule 405	Section 304.121
Rule 406	Section 304.122
Rule 407	Section 304.123
Rule 408	Section 304.124
Rule 408(a) f.3	Section 304.201
Rule 409	Section 304.140
Rule 410	Section 304.141

Chapter 3: Water Pollution	35 Ill. Admin. Code
Part IV, Effluent Standards	Part 304

Rule 411	Section 304.126
Rule 412	Section 304.142
Rule 413	Section 304.125
Rule 450	Section 304.201
Rule 451	Section 304.202

TITLE 35: ENVIRONMENTAL PROTECTION

SUBTITLE C: WATER POLLUTION

CHAPTER I: POLLUTION CONTROL BOARD

PART 305  
MONITORING AND REPORTING

Section  
305.101 Preamble  
305.102 Reporting Requirements  
305.103 Effluent Measurement

Appendix: References to Previous Rules

AUTHORITY: Authorized by Section 27 and implementing Section 13 of the Environmental Protection Act (Ill. Rev. Stat. 1979, ch. 111 1/2, pars. 1027 and 1013).

SOURCE: Filed with the Secretary of State January 1, 1978; amended 3 Ill. Reg. 190, effective June 21, 1979; codified 6 Ill. Reg. 7818, effective June 22, 1982; amended at 8 Ill. Reg. 1604, effective January 18, 1984.

Section 305.101 Preamble

This part 305 prescribes requirements for monitoring, reporting and measuring contaminant discharges. Unless the contrary is clearly indicated, all references to "Parts" or "Sections" are to Ill. Adm. Code, Title 35: Environmental Protection. For example, "Part 309" is 35 Ill. Adm. Code 309, and "Section 309.101" is 35 Ill. Adm. Code 309.101.

Section 305.102 Reporting Requirements

a) Every person within this State operating a pretreatment works, treatment works, or wastewater source shall submit operating reports to the Agency at a frequency to be determined by the Agency. Such reports shall contain information regarding the quantity of influent and of effluent discharged, of wastes bypassed and of combined sewer overflows; the concentrations of those physical, chemical, bacteriological and radiological parameters which shall be specified by the Agency; and any additional information the Agency may reasonably require. This reporting requirement for pretreatment works shall only apply to those pretreatment works which:

- 1) Discharge toxic pollutants, as defined in Section 502 (13) of the CWA, or pollutants which may interfere with the treatment process, into the receiving treatment works or are subject to regulations promulgated under Section 307 of the Clean Water Act (CWA): 33 U.S.C. 1251 et seq.); or
- 2) Discharge 15% or more of the total hydraulic flow received by the treatment works; or
- 3) Discharge 15% or more of the total biological loading received by the

treatment works as measured by 5-day biochemical oxygen demand.

b) Every holder of an NPDES Permit is required to comply with the monitoring, sampling, recording and reporting requirements set forth in the permit and this chapter.

(Source: Amended at 8 Ill. Reg. 1604, effective January 18, 1984)

Section 305.103 Effluent Measurement

In order to facilitate the ability of the Agency to conduct its inspecting and investigating responsibilities as described in Section 4(d) of the Act, all effluent discharge sewers, pipes or outfalls shall be designed or modified so that a sample of the effluent can be obtained at a point after the final treatment process and before discharge to or mixing with any waters of the State. All treatment works shall include such devices for taking samples and for measuring and recording effluent flow as the Agency may reasonably require.

Appendix: References to Previous Rules

The following table is provided to aid in referencing old Board Rule numbers to section numbers pursuant to codification.

Chapter 3: Water Pollution	35 Ill. Admin. Code
Part V. Monitoring and Reporting	Part 305
Preamble	Section 305.101
Rule 501	Section 305.102
Rule 502	Section 305.103

TITLE 35: ENVIRONMENTAL PROTECTION

SUBTITLE C: WATER POLLUTION

CHAPTER I: POLLUTION CONTROL BOARD

PART 306  
PERFORMANCE CRITERIA

SUBPART A: SYSTEMS RELIABILITY

Section	
306.101	Preamble
306.102	Systems Reliability
306.103	Combined Sewers and Treatment Plant Bypasses (renumbered)
306.104	Intake Structures (renumbered)
306.105	New Connections (renumbered)

SUBPART B: INTAKE STRUCTURES

Section	
306.201	Intake Structures

SUBPART C: COMBINED SEWERS AND  
TREATMENT PLANT BYPASSES

Section	
306.302	Expansion of Combined Sewers
306.303	Excess Infiltration
306.304	Overflows
306.305	Treatment of Overflows and Bypasses
306.306	Compliance Dates

SUBPART D: EXCEPTION PROCEDURE

Section	
306.350	Preamble
306.351	Notification and Submittals by Discharger
306.352	Notification by Agency
306.360	Joint or Single Petition for Exception
306.361	Justification of Joint Petition
306.362	Justification of Single Petition
306.363	Contents of Joint Petition
306.364	Contents of Single Petition
306.370	Notice and Hearing
306.371	Opinion and Order
306.372	Transcripts
306.373	Final Date for Petitions
306.374	Other Proceedings

SUBPART E: NEW CONNECTIONS

Section	
306.401	Publication of Lists
306.402	Restricted Status
306.403	Critical Review
306.404	Notification of Individuals
306.405	Appeal
306.406	Effective Dates

SUBPART F: SITE SPECIFIC RULES  
AND EXCEPTIONS

Section	
306.501	East St. Louis Sauget Site Specific Discharges

Appendix A: References to Previous Rules

AUTHORITY: Implementing Section 13 and authorized by Section 27 of the Environmental Protection Act (Ill. Rev. Stat. 1981, ch. 111 1/2, pars. 1027 and 1013).

SOURCE: Filed with the Secretary of State January 1, 1978; amended 3 Ill. Reg. 25, p. 190, effective June 21, 1979; codified 6 Ill. Reg. 7818; amended at 7 Ill. Reg. 5682, effective April 19, 1983; amended at 8 Ill. Reg. 1607, effective January 18, 1984; amended at 8 Ill. Reg. 3691, effective March 14, 1984.

Section 306.101 Preamble

This part contains specific requirements and prohibitions concerning existing and potential sources of water pollution. Unless the contrary is clearly indicated, all references to "Parts" or "Sections" are to Ill. Adm. Code, Title 35: Environmental Protection. For example, "Part 309" is 35 Ill. Adm. Code 309, and "Section 309.101" is 35 Ill. Adm. Code 309.101.

Section 306.102 Systems Reliability

a) Malfunctions: All treatment works and associated facilities shall be so constructed and operated as to minimize violations of applicable standards during such contingencies as flooding, adverse weather, power failure, equipment failure, or maintenance, through such measures as multiple units, holding tanks, duplicate power sources, or such other measures as may be appropriate.

b) Spills: All reasonable measures, including where appropriate the provision of catchment areas, relief vessels, or entrapment dikes, shall be taken to prevent any spillage of contaminants from causing water pollution.

Section 306.103 Combined Sewers and Treatment Plant Bypasses (renumbered)

(Source: Section 306.103 renumbered to Sections 306.302 through 306.306 at 7 Ill. Reg. 5682, effective April 19, 1983)

Section 306.104 Intake Structures (renumbered)

(Source: Section 306.104 renumbered to Section 306.201 at 7 Ill. Reg. 5682, effective April 19, 1983)

Section 306.105 New Connections (renumbered)

(Source: Section 306.105 renumbered to Sections 306.401 through 306.406 at 7 Ill. Reg. 5682, effective April 19, 1983)

SUBPART B: INTAKE STRUCTURES

Section 306.201 Intake Structures

New water intake structures on waters designated for general use, whose construction begins after the effective date of this Chapter, shall be so designed as to minimize harm to fish and to other aquatic organisms.

(Source: Section 306.201 renumbered from Section 306.104 at 7 Ill. Reg. 5682, effective April 19, 1983)

#### SUBPART C: COMBINED SEWERS AND TREATMENT PLANT BYPASSES

##### Section 306.302 Expansion of Combined Sewers

The expansion of existing or establishment of new combined sewer service areas is prohibited, except where the Agency has determined from the permit application the following:

- a) The combined sewer service area has adequate treatment or retention capacity to ensure that the effluent limitations of 35 Ill. Adm. Code 304 and the provisions of the Act are not violated;
- b) Any anticipated increased flow will not overload connecting segments of the combined sewer system;
- c) Increased flow shall not aggravate combined sewer overflow problems; including, but not limited to, combined sewer surcharges, basement back-ups and street flow;
- d) The new combined sewer service area will be tributary to an existing combined sewer system.

(Source: Section 306.302 renumbered from Section 306.103(a) at 7 Ill. Reg. 5682, effective April 19, 1983)

##### Section 306.303 Excess Infiltration

Excess infiltration into sewers shall be eliminated, and the maximum practicable flow shall be conveyed to treatment facilities.

(Source: Section 306.303 renumbered from Section 306.103(a) at 7 Ill. Reg. 5682, effective April 19, 1983)

##### Section 306.304 Overflows

Overflows from sanitary sewers are expressly prohibited.

(Source: Section 306.304 renumbered from Section 306.103(b) at 7 Ill. Reg. 5682, effective April 19, 1983)

##### Section 306.305 Treatment of Overflows and Bypasses

All combined sewer overflows and treatment plant bypasses shall be given sufficient treatment to prevent pollution, or the violation of applicable water standards unless an exception has been granted by the Board pursuant to Subpart D.

Sufficient treatment shall consist of the following:

- a) All dry weather flows, and the first flush of storm flows as determined by the Agency, shall meet the applicable effluent standards; and
- b) Additional flows, as determined by the Agency but not less than ten times the average dry weather flow for the design year, shall receive a minimum of primary treatment and disinfection with adequate retention time; and
- c) Flows in excess of those described in subsection (b) shall be treated, in whole or in part, to the extent necessary to prevent accumulations of sludge deposits, floating debris and solids in accordance with 35 Ill. Adm. Code 302.203, and to prevent depression of oxygen levels; or
- d) Compliance with a treatment program authorized by the Board in an exception granted pursuant to Subpart D.

(Source: Section 306.305 was renumbered from Section 306.103(c) and amended at 7 Ill. Reg. 5682, effective April 19, 1983)

##### Section 306.306 Compliance Dates

Compliance with Section 306.305 shall be achieved on or before the following dates:

- a) All treatment plant bypasses, by the applicable date for improvement of treatment works under 35 Ill. Adm. Code 304.
- b) All combined sewer overflows within the Metropolitan Sanitary District of Greater Chicago, by December 31, 1977.
- c) All other combined sewer overflows, by December 31, 1975.
- d) The compliance dates set by subsections (b) and (c) shall be met unless:
  - 1) The discharger's combined sewer overflow is eligible for a construction grant under Section 201(g) of the CWA; and,
  - 2) The discharger has filed an application for a construction grant on or before March 1, 1977; and,
  - 3) The discharger has timely taken all appropriate pre-grant and post-grant actions necessary to the specific grant step for which the discharger is then eligible, or
  - 4) The discharger has been granted an exception by the Board pursuant to Subpart D, an exception procedure is pending, or the Agency has not notified the discharger pursuant to Section 306.352.
- e) Nothing in subsection (d) shall limit the power of the Board to enter an abatement order pursuant to Section 46 of the Act necessary to abate pollution of waters of the State, when the Board has found, as the

result of an enforcement or variance case initiated under Titles VIII or IX of the Act, that the discharger is causing a violation of the Act or regulations.

- f) The exemption provided by subsection (d) shall terminate upon completion of construction under the grant provided.

(Source: Section 306.306 was renumbered from Section 306.103(d) and amended at 7 Ill. Reg. 5682, effective April 19, 1983)

#### SUBPART D: EXCEPTION PROCEDURE

##### Section 306.350 Preamble

Exceptions to Section 306.305 or 306.306 shall be granted by the Board based upon water quality effects, actual and potential stream uses, and economic considerations including those of the discharger and those affected by the discharge. The following procedures shall be used for petitions for exceptions to the otherwise applicable water quality standards of this Chapter, and the sufficient treatment provisions contained in Section 305.306, 306.305(a), 306.305(b), and 306.305(c).

(Source: Added at 7 Ill. Reg. 5682, effective April 19, 1983)

##### Section 306.351 Notification and Submittals by Discharger

No later than July 1, 1983, any discharger which has an interest in requesting Agency assistance in initiating an exception proceeding shall so advise the Agency. No later than October 1, 1983 the discharger shall assemble and submit to the Agency any background information in the discharger's possession relevant to its combined sewer overflows, including any analyses of treatment options. The Agency after a review of its files and the discharger's submittal, shall request such further information as listed in Section 306.361 and 306.363 as it deems necessary for its determination pursuant to Section 306.352.

(Source: Added at 7 Ill. Reg. 5682, effective April 19, 1983)

##### Section 306.352 Notification by Agency

- a) The Agency shall notify the discharger of any Agency proposal for exception, including any necessary treatment conditions and the provisions of Section 306.305 and 306.306 that would be modified or eliminated.
- b) The Agency shall promptly notify the discharger in writing of any discretionary determination that it will not propose an exception and shall indicate the basis for such determination. Such basis may include but not be limited to a judgment that the information submitted is insufficient, that due to the nature of the discharge and the receiving stream relief from Section 306.305 or 306.306 would be environmentally unsound,

or that a specific alternative control strategy suggested by the discharger is infeasible from either an engineering or pollutant removal standpoint.

- c) All Agency determinations, shall reflect a consistency of review among dischargers or their individual discharges. To insure such consistency, the Agency shall adopt criteria for evaluation and review of dischargers' submittals pursuant to Section 306.351.

(Source: Added at 7 Ill. Reg. 5682, effective April 19, 1983)

##### Section 306.360 Joint or Single Petition for Exception

If the discharger accepts the Agency proposal for exception, an exception proceeding before the Board shall be commenced by the discharger by filing jointly with the Agency a petition for exception. If the Agency has declined to propose an exception or if the discharger declines to accept an Agency proposal, the discharger may commence singly an exception proceeding before the Board.

(Source: Added at 7 Ill. Reg. 5682, effective April 19, 1983)

##### Section 306.361 Justification of Joint Petition

Except as provided otherwise in subsection (d) if the discharger and the Agency jointly file a petition for exception, exception justifications shall be established in the petition for exception as follows:

- a) An exception justification based upon minimal discharge impact shall include, as a minimum, an evaluation of receiving stream ratios, known stream uses, accessibility to stream and side land use activities (residential, commercial, agricultural, industrial, recreational), frequency and extent of overflow events, inspections of unnatural bottom deposits, odors, unnatural floating material or color, stream morphology and results of limited stream chemical analyses.
- b) Where a minimal impact exception justification cannot be established pursuant to subsection (a), or where an exception will include a modification of otherwise applicable water quality standards, an exception justification shall include, as a minimum, evaluations pursuant to subsection (a) and evaluations of stream sediment analyses, biological surveys (including habitat assessment), and thorough stream chemical analyses that may include but are not limited to analysis of parameters regulated in 35 Ill. Adm. Code 302, analysis of toxics or metals if the collection system tributary to the overflow receives wastes which might contain them, sediment oxygen demand, volatile solids, and diurnal monitoring under both dry and wet weather conditions.

c) Exception justifications which include projections of the improvement from alternative control programs may include reasonably reliable mathematical models based upon information gathered pursuant to subsection (b). The reasonable reliability of a mathematical model shall be assessed by reference to factors including but not limited to the model's scientific validity and the consistency with which the model reflects conditions in the stream as determined by monitored data.

d) Where special circumstances may render any evaluation inapplicable, for reasons of irrelevancy or expense of data collection in relation to the relevancy of the data, the petition shall include a justification for such inapplicability.

(Source: Added at 7 Ill. Reg. 5682, effective April 19, 1983)

#### Section 306.362 Justification of Single Petition

If the discharger files singly a Petition for Exception, exception justification shall be established by the discharger, pursuant to Section 306.361(b), (c), and (d).

(Source: Added at 7 Ill. Reg. 5682, effective April 19, 1983)

#### Section 306.363 Contents of Joint Petition

Requirements for jointly filed Petition. Ten copies of such petition shall be filed with the Clerk of the Board. The petition shall include the following information:

- a) A written statement, signed by the Petitioners or their authorized representatives outlining the scope of the evaluation, the nature of, the reasons for, and the basis for the justification for the exception; and
- b) The nature of the discharger's operations and control equipment; and
- c) Any Agency proposal for exception; and
- d) Citations to any final enforcement actions against the discharger, and any variances granted to the discharger where compliance has not been achieved.

(Source: Added at 7 Ill. Reg. 5682, effective April 19, 1983)

#### Section 306.364 Contents of Single Petition

In addition to the information specified in Section 306.363, the petition shall include any necessary treatment conditions and the provisions of Section 306.305 and 306.306 that would be modified or eliminated.

(Source: Added at 7 Ill. Reg. 5682, effective April 19, 1983)

#### Section 306.370 Notice and Hearing

The clerk shall give notice of the petition and shall schedule a hearing in accordance with 35 Ill. Adm. Code 103. The proceedings shall be in accordance with 35 Ill. Adm. Code 103.

(Source: Added at 7 Ill. Reg. 5682, effective April 19, 1983)

#### Section 306.371 Opinion and Order

a) In considering the proposed petition for exception and the hearing record, the Board shall take into account the factors contained in Section 27(a) of the Act. The Board shall issue and enter a written opinion stating the facts and reasons leading to its decision on a petition for exception.

b) The Board shall issue and enter such orders concerning a petition for exception as are appropriate for the reasons stated in its written opinion. Such appropriate orders may include but are not limited to orders accepting or rejecting the petition, directing that further hearings be held to develop further information or to cure any procedural defects, or remanding the petition to the petitioners with suggested revisions. Another hearing shall be held on any revised petition for exception.

(Source: Added at 7 Ill. Reg. 5682, effective April 19, 1983)

#### Section 306.372 Transcripts

In any proceeding brought pursuant to Subpart D, the discharger at its own cost shall furnish the Board within 15 days following completion of the hearing seven legible copies of a complete transcript of the proceedings of the hearing. Upon petition, the Board may assume such cost. In determining whether to assume such cost, the Board shall take into consideration transcript costs, the discharger's allegations of special circumstances of economic hardship, and any constraints upon the Board's budgetary ability to assume such costs.

(Source: Added at 7 Ill. Reg. 5682, effective April 19, 1983)

#### Section 306.373 Final Date for Petitions

No petition for exception shall be accepted by the Board after January 1, 1986.

(Source: Added at 7 Ill. Reg. 5682, effective April 19, 1983)

#### Section 306.374 Other Proceedings

Nothing in Subpart D shall impair any rights authorized in the Act or Board Regulations that the discharger or any other person may have to initiate or participate in regulatory proceedings, variance petitions, enforcement actions, or permit appeals. However, Agency

determinations made pursuant to Section 306.352 may not be appealed to the Board.

(Source: Added at 7 Ill. Reg. 5682, effective April 19, 1983)

#### SUBPART E: NEW CONNECTIONS

##### Section 306.401 Publication of Lists

The Agency shall publish and make available to the public at intervals of not more than three months a comprehensive and up-to-date list of sanitary districts and other wastewater treatment or transportation authorities then subject to restricted status on further sewer connections, as well as a list of those which are then under critical review by the Agency. Such lists shall include estimates of treatment plant and sewer capacity, and the amount of population equivalent added since publication of the previous list.

(Source: Section 306.401 was renumbered from Section 306.105(a) at 7 Ill. Reg. 5682, effective April 19, 1983)

##### Section 306.402 Restricted Status

Restricted status shall be defined as the Agency determination, pursuant to Section 39 of the Act and Section 309.241, that a sewer has reached hydraulic capacity or that a sewage treatment plant has reached design capacity, such that additional sewer connection permits may no longer be issued without causing a violation of the Act or regulations.

(Source: Section 306.402 was renumbered from Section 306.105(b) at 7 Ill. Reg. 5682, effective April 19, 1983)

##### Section 306.403 Critical Review

Critical review shall be defined as the Agency determination, pursuant to Section 39 of the Act and Section 309.241, that a sewer is approaching hydraulic capacity or that a sewage treatment plant is approaching design capacity, such that additional sewer connection permit applications will require close scrutiny to determine whether issuance would result in a violation of the Act or regulations.

(Source: Section 306.403 was renumbered from Section 306.105(c) at 7 Ill. Reg. 5682, effective April 19, 1983)

##### Section 306.404 Notification of Individuals Requesting Connections

Sanitary districts, or other wastewater treatment or transportation authorities responsible for authorizing new sewer connections, which have been placed on restricted status or critical review by the Agency shall notify all individuals requesting connections of such Agency determination.

(Source: Section 306.404 was renumbered from Section 306.105(d) at 7 Ill. Reg. 5682, effective April 19, 1983)

##### Section 306.405 Notification of Restricted Status or Critical Review

The Agency shall notify the sanitary district or other wastewater treatment or transportation authority of its determination of restricted status or critical review, or refusal to terminate the same, and shall give a specific, detailed written statement as to the reasons for such action in conformity with the Agency's "Guidelines for Notification of Restricted Status," 35 Ill. Adm. Code 390.

(Source: Former Section 306.405 renumbered to Section 306.406, new Section 306.405 adopted at 8 Ill. Reg. 1607, effective January 18, 1984)

##### Section 306.406 Appeal

Any sanitary district or other wastewater treatment or transportation authority responsible for authorizing new sewer connections, may petition, pursuant to Title X of the Act and 35 Ill. Adm. Code 105, for a hearing before the Board to contest the decision of the Agency to place it on restricted status.

(Source: Section 306.406 renumbered from Section 306.405 and amended at 8 Ill. Reg. 1607, effective January 18, 1984)

##### Section 306.407 Effective Dates

This Subpart shall become effective on January 1, 1976, except for Section 306.405 which shall become effective upon filing.

(Source: Section 306.407 was renumbered from Section 306.406) and amended at 8 Ill. Reg. 1607, effective January 18, 1984)

#### SUBPART F: SITE SPECIFIC RULES AND EXCEPTIONS

##### Section 306.501 East St. Louis-Sauget Site-Specific Discharges

- a) The discharge from the sewer system of the City of East St. Louis, as described below, shall not be subject to the treatment requirements and timetables of Sections 306.305(b), and 306.306. The discharge is located in Lots 305 and/or 306 of Sixth Subdivision of Cahokia Commons and also in the Northwest Quarter Section 23, Township Two North, Range Ten West, of the Third Principal Meridian, and can be defined as being at Mississippi River Mile Number 178.7 and further can be defined as being located at North 38°, 36 minutes, 40 seconds latitude and west 90°, 10 minutes, 40 seconds longitude.



- b) The first flush of storm flows shall meet the applicable effluent standards of 35 Ill. Adm. Code Part 304, except when to attempt to treat such flows would cause the treatment plant to operate beyond design capacity.
- c) In accordance with 35 Ill. Adm. Code 302.203, overflows in excess of plant treatment capacity shall be passed through a 1/2 inch bar screen prior to discharge.
- d) Overflows shall not cause accumulation of unnatural sludge deposits in the receiving stream.

(Source: Added at 8 Ill. Reg. 3691, effective March 14, 1984)

#### Appendix A: References to Previous Rules

The following table is provided to aid in referencing old Board rule numbers to section numbers pursuant to codification.

Chapter 3: Water Pollution Part VI, Performance Criteria	35 Ill. Adm. Code Part 306
Unnumbered Preamble	Section 306.101
Rule 601	Section 306.102
Rule 602(a)	Section 306.302
Rule 602(b)	Section 306.303 and 306.304
Rule 602(c)	Section 306.305
Rule 602(d)	Section 306.306
Rule 603	Section 306.201
Rule 604(a)	Section 306.401
Rule 604(b)	Section 306.402
Rule 604(c)	Section 306.403
Rule 604(d)	Section 306.404
Rule 604(e)	Section 306.405
Rule 604(f)	Section 306.406

**TITLE 35: ENVIRONMENTAL PROTECTION**

**SUBTITLE C: WATER POLLUTION**

**CHAPTER I: POLLUTION CONTROL BOARD**

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SEWER DISCHARGE CRITERIA**

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307.102	General Requirements (Renumbered)
307.103	Mercury (Renumbered)
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307.105	Pretreatment Requirements (Repealed)
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307.1002	Definitions
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**SUBPART I: CANNED AND PRESERVED SEAFOOD**

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307.3706 Asbestos Roofing  
307.3707 Asbestos Floor Tile  
307.3708 Coating or Finishing of Asbestos  
Textiles  
307.3709 Solvent Recovery  
307.3710 Vapor Absorption  
307.3711 Wet Dust Collection

# SUBPART BC: RUBBER MANUFACTURING

Section  
307.3801 Tire and Inner Tube Plants  
307.3802 Emulsion Crumb Rubber  
307.3803 Solution Crumb Rubber  
307.3804 Latex Rubber  
307.3805 Small-Sized General Molded, Extruded  
and Fabricated Rubber Plants  
307.3806 Medium-Sized General Molded, Extruded  
and Fabricated Rubber Plants  
307.3807 Large-Sized General Molded, Extruded,  
and Fabricated Rubber Plants  
307.3808 Wet Digestion Reclaimed Rubber  
307.3809 Pan, Dry Digestion and Mechanical  
Reclaimed Rubber  
307.3810 Latex-Dipped, Latex-Extruded and  
Latex-Molded Rubber  
307.3811 Latex Foam

## SUBPART BD: TIMBER PRODUCTS PROCESSING

Section  
307.3900 General Provisions  
307.3901 Barking  
307.3902 Veneer  
307.3903 Plywood  
307.3904 Dry Process Hardboard  
307.3905 Wet Process Hardboard  
307.3906 Wood Preserving-Water Borne or  
Nonpressure  
307.3907 Wood Preserving-Steam  
307.3908 Wood Preserving-Boulton  
307.3909 Wet Storage  
307.3910 Log Washing  
307.3911 Sawmills and Planing Mills  
307.3912 Finishing  
307.3913 Particleboard Manufacturing  
307.3914 Insulation Board  
307.3915 Wood Furniture and Fixture Production  
Without Water Wash Spray Booth(s) or  
Without Laundry Facilities  
307.3916 Wood Furniture and Fixture Production  
with Water Wash Spray Booth(s) or  
With Laundry Facilities

## SUBPART BE: PULP, PAPER AND PAPERBOARD

Section  
307.4000 General Provisions  
307.4001 Unbleached Kraft  
307.4002 Semi-Chemical  
307.4004 Unbleached Kraft-Neutral Sulfite  
Semi-Chemical (Cross Recovery)  
307.4005 Paperboard From Wastepaper  
307.4006 Dissolving Kraft  
307.4007 Market Bleached Kraft  
307.4008 BCT Bleached Kraft  
307.4009 Fine Bleached Kraft  
307.4010 Papergrade Sulfite (Blow Pit Wash)  
307.4011 Dissolving Sulfite Pulp  
307.4012 Groundwood-Chemi-Mechanical  
307.4013 Groundwood-Thermo-Mechanical  
307.4014 Groundwood-CMN Papers  
307.4015 Groundwood-Fine Papers  
307.4016 Soda  
307.4017 Deink  
307.4018 Nonintegrated Fine Papers  
307.4019 Nonintegrated-Tissue Papers  
307.4020 Tissue From Wastepaper  
307.4021 Papergrade Sulfite (Drum Wash)

307.4022 Unbleached Kraft and Semi-Chemical  
 307.4023 Wastepaper-Molded Products  
 307.4024 Nonintegrated-Lightweight Papers  
 307.4025 Nonintegrated-Filter and Nonwoven  
 Papers  
 307.4026 Nonintegrated-Paperboard

SUBPART BF: BUILDERS' PAPER AND BOARD MILLS

Section  
 307.4101 Builder's Paper and Roofing Felt

SUBPART BG: MEAT PRODUCTS

Section  
 307.4201 Simple Slaughterhouse  
 307.4202 Complex Slaughterhouse  
 307.4203 Low-Processing Packinghouse  
 307.4204 High-Processing Packinghouse  
 307.4205 Small Processor  
 307.4206 Meat Cutter  
 307.4207 Sausage and Luncheon Meats Processor  
 307.4208 Ham Processor  
 307.4209 Canned Meats Processor  
 307.4210 Renderer

SUBPART BH: METAL FINISHING

Section  
 307.4300 General Provisions  
 307.4301 Metal Finishing

SUBPART BN: PHARMACEUTICAL MANUFACTURING

Section  
 307.4900 General Provisions  
 307.4901 Fermentation Products  
 307.4902 Extraction Products  
 307.4903 Chemical Synthesis Products  
 307.4904 Mixing/Compounding and Formulation  
 307.4905 Research

SUBPART BR: PAVING AND ROOFING MATERIALS  
 (TARS AND ASPHALT)

Section  
 307.5301 Asphalt Emulsion  
 307.5302 Asphalt Concrete  
 307.5303 Asphalt Roofing  
 307.5304 Linoleum and Printed Asphalt Felt

SUBPART BU: PAINT FORMULATING

Section  
 307.5601 Oil-Base Solvent Wash Paint

SUBPART BV: INK FORMULATING

Section  
 307.5701 Oil-Base Solvent Wash Ink

SUBPART CD: PESTICIDE CHEMICALS

Section  
 307.6500 General Provisions  
 307.6501 Organic pesticide Chemicals  
 Manufacturing  
 307.6502 Metallo-Organic Pesticides Chemicals  
 Manufacturing  
 307.6503 Pesticide Chemicals Formulating and  
 Packaging

SUBPART CG: CARBON BLACK MANUFACTURING

Section  
 307.6801 Carbon Black Furnace Process  
 307.6802 Carbon Black Thermal Process  
 307.6803 Carbon Black Chemical Process  
 307.6804 Carbon Black Lamp Process

SUBPART CJ: BATTERY MANUFACTURING

Section  
 307.7100 General Provisions  
 307.7101 Cadmium  
 307.7102 Calcium  
 307.7103 Lead  
 307.7104 Leclanche  
 307.7105 Lithium  
 307.7106 Magnesium  
 307.7107 Zinc

SUBPART CL: PLASTICS MOLDING AND FORMING

Section  
 307.7300 General Provisions  
 307.7301 Contact Cooling and Heating Water  
 307.7302 Cleaning Water  
 307.7303 Finishing Water

SUBPART CM: METAL MOLDING AND CASTING

Section  
 307.7400 General Provisions  
 307.7401 Aluminum Casting  
 307.7402 Copper Casting  
 307.7403 Ferrous Casting  
 307.7404 Zinc Casting

SUBPART CN: COIL COATING

Section  
 307.7500 General Provisions  
 307.7501 Steel Basis Material  
 307.7502 Galvanized Basis Material  
 307.7503 Aluminum Basis Material  
 307.7504 Canmaking

SUBPART CO: PORCELAIN ENAMELING

Section  
 307.7600 General Provisions  
 307.7601 Steel Basis Material  
 307.7602 Cast Iron Basis Material  
 307.7603 Aluminum Basis Material  
 307.7604 Copper Basis Material

SUBPART CP: ALUMINUM FORMING

Section  
 307.7700 General Provisions  
 307.7701 Rolling With Heat Oils  
 307.7702 Rolling With Emulsions  
 307.7703 Extrusion  
 307.7704 Forging  
 307.7705 Drawing With Heat Oils  
 307.7706 Drawing With Emulsions or Soaps

SUBPART CQ: COPPER FORMING

Section  
 307.7800 General Provisions  
 307.7801 Copper Forming  
 307.7802 Beryllium Copper Forming

**SUBPART CR: ELECTRICAL AND  
ELECTRONIC COMPONENTS**

**Section**

307.7901 Semiconductor  
307.7902 Electronic Crystals  
307.7903 Cathode Ray Tube  
307.7904 Luminescent Materials

**SUBPART CT: NONFERROUS METALS FORMING  
AND METAL POWDERS**

**Section**

307.8100 General Provisions  
307.8101 Lead-Tin-Bismuth Forming  
307.8102 Magnesium Forming  
307.8103 Nickel-Cobalt Forming  
307.8104 Precious Metals Forming  
307.8105 Refractory Metals Forming  
307.8106 Titanium Forming  
307.8107 Uranium Forming  
307.8108 Zinc Forming  
307.8109 Zirconium-Hafnium Forming  
307.8110 Metal Powders

**APPENDIX A: References to Previous Rules  
(Repealed).**

**AUTHORITY:** Implementing Sections 13 and 13.3 and authorized by Section 27 of the Environmental Protection Act, as amended by P.A. 84-1320, effective September 4, 1986 (Ill. Rev. Stat. 1985, ch. 111 1/2, pars. 1013 and 1027, and Ill. Rev. Stat. 1986 Supp., ch. 111 1/2, par. 1013.3.

**SOURCE:** Adopted in R70-5, at 1 PCB 426, March 31, 1971; amended in R71-14, at 4 PCB 3, March 7, 1972; amended in R74-3, at 19 PCB 182, October 30, 1975; amended in R74-15, 16, at 31 PCB 405, at 2 Ill. Reg. no. 44, page 151, effective November 2, 1978; amended in R76-17, at 31 PCB 713, at 2 Ill. Reg. no. 45, page 101, effective November 5, 1978; amended in R76-21, at 44 PCB 203, at 6 Ill. Reg. 563, effective December 24, 1981; codified at 6 Ill. Reg. 7818; amended in R82-5, 10, at 54 PCB 411, at 8 Ill. Reg. 1625, effective January 18, 1984; amended in R86-44 at 12 Ill. Reg. 2592, effective January 13, 1988.

**SUBPART A: GENERAL PROVISIONS**

**Section 307.101 Preamble (Renumbered)**

(Source: Section 307.101 renumbered to Section 307.1001 at 12 Ill. Reg. 2592, effective January 13, 1988).

**Section 307.102 General Requirements  
(Renumbered)**

(Source: Section 307.102 renumbered to Section 307.1101 at 12 Ill. Reg. 2592, effective January 13, 1988).

**Section 307.103 Mercury (Renumbered)**

(Source: Section 307.103 renumbered to Section 307.1102 at 12 Ill. Reg. 2592, effective January 13, 1988).

**Section 307.104 Cyanide (STORET number 00720)  
(Renumbered)**

(Source: Section 307.104 renumbered to Section 3097.1103 at 12 Ill. Reg. 2592, effective January 13, 1988).

**Section 307.105 Pretreatment Requirements  
(Repealed)**

(Source: Repealed at 12 Ill. Reg. 2592, effective January 13, 1988).

**Section 307.1001 Preamble**

- a) This Part places certain restrictions on the types, concentrations and quantities of contaminants which can be discharged into sewer systems in the State.
  - 1) Subpart B includes standards for the discharge of contaminants to sewer systems. These apply to dischargers to publicly owned treatment works (POTW's) and to dischargers to other types of treatment works as specified in each Section.
  - 2) Subparts F et seq. include standards for the discharge of contaminants from certain industrial categories into POTW's.
- b) 35 Ill. Adm. Code 310 specifies requirements for Pretreatment programs for POTW's.
- c) This Part incorporates by reference federal regulations.
  - 1) Such incorporations include no later amendments or editions.
  - 2) Except where the contrary is clearly indicated, the Board intends to set forth all procedural requirements in full in this Part and 35 Ill. Adm. Code 310, and to utilize only the definitions, requirements or standards from the incorporated material.
  - 3) Except where the contrary is clearly indicated, references to other federal regulations within incorporated material are to be construed as referencing Board regulations derived from the referenced material, rather than the other federal regulation.

(Source: Section 307.1001 renumbered from Section 307.101 and amended at 12 Ill. Reg. 2592, effective January 13, 1988).

**Section 307.1002 Definitions**

- a) The definitions of 35 Ill. Adm. Code 301 do not apply to this Part.
- b) The definitions of 35 Ill. Adm. Code 310 apply to this Part.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

**Section 307.1003 Test Procedures for Measurement**

The test procedures for measurement which are prescribed at 40 CFR 136, incorporated by reference in 35 I11. Adm. Code 310.107, apply to expressions of pollutant amounts, characteristics or properties in pretreatment standards as set forth in this Part, unless otherwise noted or defined in individual Subparts.

(Source: Added at 12 I11. Reg. 2592, effective January 13, 1988).

**Section 307.1005 Toxic Pollutants**

- a) The Board incorporates by reference 40 CFR 401.15 (1986). This incorporation includes no later amendments or editions.
- b) A "toxic pollutant" is one of the materials listed in 40 CFR 401.15 or in 40 CFR 122, Appendix D, Table II or III, incorporated by reference in 35 I11. Adm. Code 310.107.

(Source: Added at 12 I11. Reg. 2592, effective January 13, 1988).

**SUBPART B: GENERAL AND SPECIFIC PRETREATMENT REQUIREMENTS**

**Section 307.1101 General and Specific Requirements**

No person shall introduce the following types of pollutants into a POTW:

- a) General requirements.
  - 1) Pollutants which pass through the POTW.
  - 2) Pollutants which interfere with the operation or performance of the POTW.
- b) Specific requirements.
  - 1) Pollutants which create a fire or explosion hazard within the POTW.
  - 2) Pollutants which would cause safety hazards to the personnel operating the treatment works.
  - 3) Pollutants which will cause corrosive damage to the POTW.
  - 4) Pollutants which would be injurious in any other way to sewers, treatment works or structures.
  - 5) Discharges with a pH less than 5.0, unless the POTW is specifically designed to accommodate such discharges.
  - 6) Solid or viscous pollutants in amounts which will cause obstruction to the flow in the POTW resulting in interference.

7) Any pollutant, including oxygen demanding pollutants, at a flow rate or concentration which will cause interference with the POTW.

8) Heat in amounts which will inhibit biological activity in the POTW and interfere with the POTW.

9) Heat in amounts which results in temperatures in the influent to the POTW treatment plant in excess of 40 degrees C (104 degrees F) unless the Agency approves alternate temperature limits in pretreatment plan.

10) Pollutants which would cause the effluent from the treatment works to violate applicable effluent standards.

(Source: Section 307.1101 renumbered from Section 307.102 and amended at 12 I11. Reg. 2592, effective January 13, 1988).

**Section 307.1102 Mercury**

a) Except as provided below, no person shall cause or allow the concentration of mercury in any discharge to a publicly owned or publicly regulated sewer system to exceed the following level, subject to the averaging rule contained in 35 I11. Adm. Code 304.104(a):

CONSTITUENT	STORET NUMBER	CONCENTRATION (mg/l)
Mercury	71900	0.0005

b) It shall be an exception to subsection (a) if the discharge is to a publicly owned or publicly regulated sewer system which is required to meet a limitation less stringent than the 0.0005 mg/l mercury concentration in which case the discharge limitation shall be the same as that applicable to the publicly owned or regulated sewer system to which it discharges.

c) It shall be an exception to subsection (a) if all the following conditions are met:

- 1) The discharger does not use mercury; or, the discharger uses mercury and this use cannot be eliminated; or, the discharger uses mercury only in chemical analysis or in laboratory or other equipment and takes reasonable care to avoid contamination of wastewater; and,
- 2) The discharge mercury concentration is less than 0.003 mg/l, as determined by application of the averaging rules of 35 I11. Adm. Code 304.104(a); and,
- 3) The discharger is providing the best degree of treatment consistent with technological feasibility, economic reasonableness and sound engineering

judgment. This may include no treatment for mercury; and.

- 4) The discharger has an inspection and maintenance program likely to reduce or to prevent an increase in the level of mercury discharges.
- d) The discharge of wastes from medicinal or therapeutic use of mercury, exclusive of laboratory use, shall be exempt from the limitations of subsection (a) if all the following conditions are met:
  - 1) The total plant discharge is less than 227g (one half pound) as Hg in any year;
  - 2) The discharge is to a public sewer system; and
  - 3) The discharge does not, alone or in conjunction with other sources, cause the effluent from the sewer system or treatment plant to exceed 0.0005 mg/l of mercury.
- e) No person shall cause or allow any discharge of mercury to a publicly owned or publicly regulated sewer system which, alone or in combination with other sources, causes a violation by the sewer treatment plant discharge of the water quality standard of 35 Ill. Adm. Code 302 for mercury applicable in the receiving stream.
- f) For purposes of permit issuance the Agency may consider application of the exception of subsection (b) or (c) to determine compliance with this Section. The Agency may impose permit conditions necessary or required to assure continued application of the exception. When subsection (b) or (c) applies, the Agency may impose an effluent limitation in the permit which allows the discharge of a concentration of mercury greater than 0.0005 mg/l but not more than 0.003 mg/l.

(Source: Section 307.1102 renumbered from Section 307.103 and amended at 12 Ill. Reg. 2592, effective January 13, 1988)

#### Section 307.1103 Cyanide

- a) No waste to any public sewer system shall contain more than 10 mg/l total cyanide (STORET number 00720) provided any sample tested shall not release more than 2 mg/l of cyanide when tested at a pH of 4.5 and at a temperature of 66 degrees C (150° F) for a period of 30 minutes, except as permitted by subsection (b)
- b) Upon application by a county, municipality, sanitary district or public utility and approval by the Agency, based upon determination by the Agency that no violation of the effluent standards of 35 Ill. Adm. Code 104 will result and that no hazard to workers in such sewage works will result, limited additional amounts of cyanide exceeding the standards in paragraph (a) may

be discharged to the sewage works of such county, sanitary district, municipality or public utility.

- c) Nothing in this Section shall be construed as limiting the authority of any county, municipality, sanitary district or public utility to impose any more stringent standards or limitations on cyanide discharges to its sewage works.

(Source: Section 307.1103 renumbered from Section 307.104 and amended at 12 Ill. Reg. 2592, effective January 13, 1988)

#### SUBPART F: DAIRY PRODUCTS PROCESSING

##### Section 307.1501 Receiving Stations

- a) Applicability. This Section applies to discharges resulting from the operation of receiving stations engaged in the assembly and reshipment of bulk milk for the use of manufacturing or processing plants.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 405.11 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources:
  - 1) The Board incorporates by reference 40 CFR 405.14 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- d) New sources:
  - 1) The Board incorporates by reference 40 CFR 405.16 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
  - 3) "New source" means any building, structure, facility or installation the construction of which commenced after December 20, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

##### Section 307.1502 Fluid Products

- a) Applicability. This Section applies to discharges resulting from the manufacture of market milk (ranging from 3.5% fat to fat-free), flavored milk (chocolate and others) and cream (of various fat concentrations, plain and whipped).



b) Specialized definitions. The Board incorporates by reference 40 CFR 405.21 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 405.24 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 405.26 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after December 20, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.1503 Cultured Products

a) Applicability. This Section applies to discharges resulting from the manufacture of cultured products, including cultured skim milk (cultured buttermilk), yoghurt, sour cream and dips of various types.

b) Specialized definitions. The Board incorporates by reference 40 CFR 405.31 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 405.34 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 405.36 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

3) "New source" means any building, structure, facility or installation the construction of which commenced after December 20, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.1504 Butter

a) Applicability. This Section applies to discharges resulting from the manufacture of butter, either by churning or continuous process.

b) Specialized definitions. The Board incorporates by reference 40 CFR 405.41 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 405.44 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 405.46 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after December 20, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.1505 Cottage Cheese and Cultured Cream Cheese

a) Applicability. This Section applies to discharges resulting from the manufacture of cottage cheese and cultured cream cheese.

b) Specialized definitions. The Board incorporates by reference 40 CFR 405.51 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 405.54 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in

subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 405.56 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after December 20, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.1506 Natural and Processed Cheese

- a) Applicability. This Section applies to discharges resulting from the manufacture of natural cheese (hard curd) and processed cheese.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 405.61 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 405.64 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 405.66 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after December 20, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.1507 Fluid Mix for Ice Cream and other Frozen Desserts

- a) Applicability. This Section applies to discharges resulting from the manufacture of

fluid mixes for ice cream and other frozen desserts for later freezing in other plants; it does not include freezing of the products as one of the affected operations.

- b) Specialized definitions. The Board incorporates by reference 40 CFR 405.71 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 405.74 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 405.76 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after December 20, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.1508 Ice Cream, Frozen Desserts, Novelties and Other Dairy Desserts

- a) Applicability. This Section applies to discharges resulting from the manufacture of ice cream, ice milk, sherbert, water ices, stick confections, frozen novelties products, frozen desserts, melorine, pudding and other dairy product base desserts. If fluid mixes prepared at another plant are employed, the appropriate values from Section 307.1507 should be deducted from the limitations.

- b) Specialized definitions. The Board incorporates by reference 40 CFR 405.81 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 405.84 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 405.85 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after December 20, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.1509 Condensed Milk

a) Applicability. This Section applies to discharges resulting from the manufacture of condensed whole milk, condensed skim milk, sweetened condensed milk and condensed butter milk.

b) Specialized definitions. The Board incorporates by reference 40 CFR 405.91 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 405.94 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 405.96 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after December 20, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.1510 Dry Milk

a) Applicability. This Section applies to discharges resulting from the manufacture of dry whole milk, dry skim milk and dry buttermilk.

b) Specialized definitions. The Board incorporates by reference 40 CFR 405.101 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 405.104 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 405.106 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after December 20, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.1511 Condensed Whey

a) Applicability. This Section applies to discharges resulting from the manufacture of condensed sweet whey and condensed acid whey.

b) Specialized definitions. The Board incorporates by reference 40 CFR 405.111 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 405.114 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 405.116 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

- 3) "New source" means any building, structure, facility or installation the construction of which commenced after December 20, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.1512 Dry Whey

- a) Applicability. This Section applies to discharges resulting from the manufacture of sweet or acid dry whey.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 405.121 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 405.124 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 405.126 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after December 20, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

### SUBPART G: GRAIN MILLS

#### Section 307.1601 Corn Wet Milling

- a) Applicability. This Section applies to discharges resulting from the process in which shelled corn is steeped in a dilute solution of sulfurous acid and then processed by wet means into such products as animal feed, regular and modified starches, corn oil, corn syrup and dextrose.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 406.11 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 406.14 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 406.16 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after December 4, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.1602 Corn Dry Milling

- a) Applicability. This Section applies to discharges resulting from the process in which shelled corn is washed and subsequently milled by dry processes into such products as corn meal, grits, flour, oil and animal feed. This Section does not apply to discharges from subsequent manufacturing operations to produce expanded or extruded feed or feed products.

- b) Specialized definitions. The Board incorporates by reference 40 CFR 406.21 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 406.24 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 406.26 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in

subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

- 3) "New source" means any building, structure, facility or installation the construction of which commenced after December 4, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.1603 Normal Wheat Flour Milling

- a) Applicability. This Section applies to discharges resulting from the processes in which wheat and other grains are milled by dry processes into flour and millfeed.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 406.31 (1986). This incorporation includes no later amendments or editions.

#### c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 406.34 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

#### d) New sources:

- 1) The Board incorporates by reference 40 CFR 406.36 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after December 4, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.1604 Bulgur Wheat Flour Milling

- a) Applicability. This Section applies to discharges resulting from the process in which wheat is parboiled, dried and partially debranned in the production of bulgur.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 406.41 (1986). This incorporation includes no later amendments or editions.

#### c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 406.44 (1986). This incorporation includes no later amendments or editions.

- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

#### d) New sources:

- 1) The Board incorporates by reference 40 CFR 406.46 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after December 4, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.1605 Normal Rice Milling

- a) Applicability. This Section applies to discharges resulting from the process in which rice is cleaned and milled by dry processes.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 406.51 (1986). This incorporation includes no later amendments or editions.

#### c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 406.54 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

#### d) New sources:

- 1) The Board incorporates by reference 40 CFR 406.56 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after December 4, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.1606 Parboiled Rice Milling

- a) Applicability. This Section applies to discharges resulting from the process in which rice is cleaned, cooked and dried before being milled.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 406.61 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources:
  - 1) The Board incorporates by reference 40 CFR 406.64 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- d) New sources:
  - 1) The Board incorporates by reference 40 CFR 406.66 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
  - 3) "New source" means any building, structure, facility or installation the construction of which commenced after December 4, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.1607 Animal Feed

- a) Applicability. This Section applies to discharges resulting from the manufacturing of animal feeds (formula feed concentrate) using primarily grain and grain by-products which may be supplemented by proteins, pharmaceuticals, vitamins or mineral additives.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 406.71 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.
- d) New sources:
  - 1) The Board incorporates by reference 40 CFR 406.76 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

- 3) "New source" means any building, structure, facility or installation the construction of which commenced after September 17, 1974.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.1608 Hot Cereal

- a) Applicability. This Section applies to discharges resulting from the production of various breakfast cereals from grains, principally wheat and oats, requiring cooking prior to normal human consumption.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 406.81 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.
- d) New sources:
  - 1) The Board incorporates by reference 40 CFR 406.86 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
  - 3) "New source" means any building, structure, facility or installation the construction of which commenced after September 17, 1974.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.1609 Ready-to-eat Cereal

- a) Applicability. This Section applies to discharges resulting from the processing of various grains and other materials (whole grain wheat, rice, corn grits, oat flour, sugar and minor ingredients) to produce various breakfast cereals normally available for human consumption without cooking).
- b) Specialized definitions. The Board incorporates by reference 40 CFR 406.91 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.
- d) New sources:
  - 1) The Board incorporates by reference 40 CFR 406.96 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or

allow the discharge of any contaminant to a POTW in violation of such standards.

- 3) "New source" means any building, structure, facility or installation the construction of which commenced after September 17, 1974.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.1610 Wheat Starch and Gluten

- a) Applicability. This Section applies to discharges resulting from those industrial operations utilizing wheat flour as a raw material for production of wheat starch and gluten (protein) components through conventional processes of physical separation and subsequent refinement.

- b) Specialized definitions. The Board incorporates by reference 40 CFR 406.101 (1986). This incorporation includes no later amendments or editions.

- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

- d) New sources:

- 1) The Board incorporates by reference 40 CFR 406.106 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after September 17, 1974.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

### SUBPART H: CANNED AND PRESERVED FRUITS AND VEGETABLES

#### Section 307.1700 General Provisions

Proration. When a plant is subject to limitations covering more than one subcategory, the plant discharge limitation shall be set by proration limitations for each subcategory based on the total raw material covered by each subcategory.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.1701 Apple Juice

- a) Applicability. This Section applies to discharges resulting from the processing of apples into apple juice or apple cider.

- b) Specialized definitions. The Board incorporates by reference 40 CFR 407.11 (1986). This incorporation includes no later amendments or editions.

- c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 407.14 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

- d) New sources:

- 1) The Board incorporates by reference 40 CFR 407.16 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after November 9, 1974.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.1702 Apple Products

- a) Applicability. This Section applies to discharges resulting from the processing of apples into apple products. The processing of apples into caustic peeled or dehydrated products is specifically excluded.

- b) Specialized definitions. The Board incorporates by reference 40 CFR 407.21 (1986). This incorporation includes no later amendments or editions.

- c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 407.24 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

- d) New sources:

- 1) The Board incorporates by reference 40 CFR 407.26 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

- 3) "New source" means any building, structure, facility or installation the construction of which commenced after November 9, 1974.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.1703 Citrus Products

- a) Applicability. This Section applies to discharges resulting from the processing of citrus into citrus products.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 407.31 (1986). This incorporation includes no later amendments or editions.

#### c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 407.34 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

#### d) New sources:

- 1) The Board incorporates by reference 40 CFR 407.36 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after November 9, 1974.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.1704 Frozen Potato Products

- a) Applicability. This Section applies to discharges resulting from the processing of white potatoes onto frozen potato products.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 407.41 (1986). This incorporation includes no later amendments or editions.

#### c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 407.44 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

#### d) New sources:

- 1) The Board incorporates by reference 40 CFR 407.46 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after November 9, 1974.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.1705 Dehydrated Potato Products

- a) Applicability. This Section applies to discharges resulting from the processing of white potatoes into dehydrated potato products.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 407.51 (1986). This incorporation includes no later amendments or editions.

#### c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 407.54 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

#### d) New sources:

- 1) The Board incorporates by reference 40 CFR 407.56 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after November 9, 1974.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.1706 Canned and Preserved Fruits

- a) Applicability. This Section applies to discharges resulting from the processing of the following fruit products: apricots; caneberries; sweet, sour and brined cherries; cranberries; dried fruit; grape juice canning and pressing; olives; peaches; pears; fresh and processed pickles, and pickle salting



stations; pineapples; plums; raisins; strawberries; and tomatoes.

b) Specialized definitions. The Board incorporates by reference 40 CFR 407.61 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 407.64 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 407.66 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 21, 1975.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.1707 Canned and Preserved Vegetables

a) Applicability. This Section applies to discharges resulting from the processing of the following vegetable products: beets; broccoli; carrots; canned and frozen corn; dehydrated onions and garlic; dehydrated vegetables; dry beans; lima beans; mushrooms; canned onions; peas; sauerkraut canning and cutting; snap beans; spinach; squash; and canned potatoes.

b) Specialized definitions. The Board incorporates by reference 40 CFR 407.71 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 407.74 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 407.76 (1986). This incorporation

includes no later amendments or editions.

2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

3) "New source" means any building, structure, facility or installation the construction of which commenced after October 21, 1975.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.1708 Canned and Miscellaneous Specialties

a) Applicability. This Section applies to discharges resulting from the processing of the following specialty products: added ingredients; baby food; corn, potato and tortilla chips; ethnic foods; jams and jellies; mayonnaise and dressings; soups; and tomato-starch cheese canned specialties.

b) Specialized definitions. The Board incorporates by reference 40 CFR 407.81 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 407.86 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 407.80 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 21, 1975.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### SUBPART I: CANNED AND PRESERVED SEAFOOD

##### Section 307.1801 Farm-raised Catfish

a) Applicability. This Section applies to discharges resulting from the processing of farm-raised catfish by existing facilities which process more than 1362 kg (3000 lbs) of

raw material per day on any day during a calendar year and all new sources.

b) Specialized definitions. The Board incorporates by reference 40 CFR 408.11 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

1) The Board incorporates by reference 40 CFR 408.14 (1986). This incorporation includes no later amendments or editions.

2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

1) The Board incorporates by reference 40 CFR 408.16 (1986). This incorporation includes no later amendments or editions.

2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

3) "New source" means any building, structure, facility or installation the construction of which commenced after February 6, 1974.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.1815 Fish Meal Processing Subcategory

a) Applicability. This Section applies to discharges resulting from the processing of menhaden on the Gulf and Atlantic Coasts and the processing of anchovy on the West Coast into fish meal, oil and solubles.

b) Specialized definitions. The Board incorporates by reference 40 CFR 408.151 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

1) The Board incorporates by reference 40 CFR 408.154 (1986). This incorporation includes no later amendments or editions.

2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

1) The Board incorporates by reference 40 CFR 408.156 (1986). This incorporation includes no later amendments or editions.

2) No person subject to the pretreatment standards incorporated by reference in

subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

3) "New source" means any building, structure, facility or installation the construction of which commenced after January 30, 1975.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### SUBPART J: SUGAR PROCESSING

##### Section 307.1901 Beet Sugar Processing

a) Applicability. This Section applies to discharges resulting from any operation attendant to the processing of sugar beets for the production of sugar.

b) Specialized definitions. The Board incorporates by reference 40 CFR 409.11 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

1) The Board incorporates by reference 40 CFR 409.14 (1986). This incorporation includes no later amendments or editions.

2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

1) The Board incorporates by reference 40 CFR 409.16 (1986). This incorporation includes no later amendments or editions.

2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

3) "New source" means any building, structure, facility or installation the construction of which commenced after August 22, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

##### Section 307.1902 Crystalline Cane Sugar Refining

a) Applicability. This Section applies to discharges resulting from the processing of raw cane sugar into crystalline refined sugar.

b) Specialized definitions. The Board incorporates by reference 40 CFR 409.21 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

1) The Board incorporates by reference 40

CFR 409.24 (1986). This incorporation includes no later amendments or editions.

- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- d) New sources:
  - 1) The Board incorporates by reference 40 CFR 409.26 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
  - 3) "New source" means any building, structure, facility or installation the construction of which commenced after December 7, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.1903 Liquid Cane Sugar Refining

- a) Applicability. This Section applies to discharges resulting from the processing of raw cane sugar into liquid refined sugar.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 409.31 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources:
  - 1) The Board incorporates by reference 40 CFR 409.34 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

#### d) New sources:

- 1) The Board incorporates by reference 40 CFR 409.36 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after December 7, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

## SUBPART K: TEXTILE MILLS

### Section 307.2000 General Provisions

- a) Applicability. This Subpart applies to any textile mill or textile processing facility which introduces or may introduce process wastewater pollutants into a POTW.
- b) General definitions. The Board incorporates by reference 40 CFR 410.01 (1986). This incorporation includes no later amendments or editions.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

### Section 307.2001 Wool Scouring

- a) Applicability. This Section applies to discharges resulting from the following types of textile mills: wool scouring, topmaking, and general cleaning of raw wool.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 410.11 (1986). This incorporation includes no later amendments or editions.

#### c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 410.14 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

#### d) New sources:

- 1) The Board incorporates by reference 40 CFR 410.16 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 10, 1979.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

### Section 307.2002 Wool Finishing

- a) Applicability. This Section applies to discharges resulting from the following types of textile mills: wool finishers, including carbonizing, fulling, dyeing, bleaching, rinsing, fireproofing, and other such similar processes.

b) Specialized definitions. The Board incorporates by reference 40 CFR 410.21 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 410.24 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 410.26 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 10, 1979.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.2003 Low Water Use Processing

a) Applicability. This Section applies to discharges resulting from the following types of textile mills: yarn manufacture, yarn texturizing, unfinished fabric manufacture, fabric coating, fabric laminating, tire cord and fabric dipping, and carpet tufting and carpet backing. Rubberized or rubber coated fabrics regulated by 40 CFR Part 428 are specifically excluded.

b) Specialized definitions. The Board incorporates by reference 40 CFR 410.31 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 410.34 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 410.36 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in

subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 10, 1979.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.2004 Woven Fabric Finishing

a) Applicability. This Section applies to discharges resulting from the following types of textile mills: woven fabric finishers, which may include any or all of the following unit operations: desizing, bleaching, mercerizing, dyeing, printing, resin treatment, water proofing, flame proofing, soil repellency application and a special finish application.

b) Specialized definitions. The Board incorporates by reference 40 CFR 410.41 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 410.44 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 410.46 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 10, 1979.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.2005 Knit Fabric Finishing

a) Applicability. This Section applies to discharges resulting from the following types of textile mills: knit fabric finishers, which may include any or all of the following unit operations: bleaching, mercerizing, dyeing, printing, resin treatment, water proofing, flame proofing, soil repellency application and a special finish application.

b) Specialized definitions. The Board incorporates by reference 40 CFR 410.51 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 410.54 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 410.56 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 10, 1979.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.2006 Carpet Finishing

a) Applicability. This Section applies to discharges resulting from the following types of textile mills: carpet mills, which may include any or all of the following unit operations: Bleaching, scouring, carbonizing, fulling, dyeing, printing, resin treatment, waterproofing, flameproofing, soil repellency, looping, and backing with foamed and unfoamed latex and jute. Carpet backing without other carpet manufacturing operations is included in Subpart C.

b) Specialized definitions. The Board incorporates by reference 40 CFR 410.61 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 410.64 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 410.66 (1986). This incorporation includes no later amendments or editions.

2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

3) "New source" means any building, structure, facility or installation the construction of which commenced after October 10, 1979.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.2007 Stock and Yarn Finishing

a) Applicability. This Section applies to discharges resulting from the following types of textile mills: stock or yarn dyeing or finishing, which may include any or all of the following unit operations and processes: cleaning, scouring, bleaching, mercerizing, dyeing and special finishing.

b) Specialized definitions. None.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 410.74 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 410.76 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 10, 1979.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.2008 Nonwoven Manufacturing

a) Applicability. This Section applies to discharges resulting from facilities that primarily manufacture nonwoven textile products of wool, cotton, or synthetics, singly or as blends, by mechanical, thermal, and/or adhesive bonding procedures. Nonwoven products produced by fulling and felting processes are covered in Section 307.2009 Felted Fabric Processing.

b) Specialized definitions. None.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 410.84 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 410.86 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 10, 1979.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.2009 Felted Fabric Processing

a) Applicability. This Section applies to discharges resulting from facilities that primarily manufacture nonwoven products by employing fulling and felting operations as a means of achieving fiber bonding.

b) Specialized definitions. None.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 410.94 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 410.96 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 10, 1979.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

SUBPART L: CEMENT MANUFACTURING

Section 307.2101 Nonleaching

a) Applicability. This Section applies to discharges resulting from the process in which several mineral ingredients (limestone or other natural sources of calcium carbonate, silica, alumina, and iron together with gypsum) are used in the manufacturing of cement and in which kiln dust is not contracted with water as an integral part of the process and water is not used in wet scrubbers to control kiln stack emissions.

b) Specialized definitions. The Board incorporates by reference 40 CFR 411.11 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 411.14 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 411.16 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after September 7, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.2102 Leaching

a) Applicability. This Section applies to discharges resulting from the process in which several mineral ingredients (limestone or other natural sources of calcium carbonate, silica, alumina, and iron together with gypsum) are used in the manufacturing of cement and in which kiln dust is contacted with water as an integral part of the process or water is used in wet scrubbers to control kiln stack emissions.

b) Specialized definitions. The Board incorporates by reference 40 CFR 411.21 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40

CFR 411.24 (1986). This incorporation includes no later amendments or editions.

- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 411.26 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after September 7, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.2103 Materials Storage Piles Runoff

a) Applicability. This Section applies to discharges resulting from the runoff of rainfall which derives from the storage of materials including raw materials, intermediate products, finished products and waste materials which are used in or derived from the manufacture of cement under either Section 307.2101 or 307.2102.

b) Specialized definitions. The Board incorporates by reference 40 CFR 411.31 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 411.34 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 411.36 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after September 7, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

SUBPART M: FEEDLOTS

Section 307.2201 General

a) Applicability. This Section applies to discharges resulting from feedlots in the following subcategories: beef cattle -- open lots; beef cattle -- housed lots; dairy cattle -- stall barn (with milk room); dairy -- free stall barn (with milking center); dairy -- cowyards (with milking center); swine -- open dirt or pasture lots; swine -- housed, slotted floor; swine -- solid concrete floor, open or housed lot; sheep open lots; sheep -- housed lots; horses -- stables (rack tracks); chickens -- broilers, housed; chickens -- layers (egg production), housed; chickens -- layer breeding or replacement stock; housed; turkeys -- open lots; turkeys -- housed; and for those feedlot operations within these subcategories as large or larger than the capacities given below: 1,000 slaughter steers and heifers; 700 mature dairy cattle (whether milkers or dry cows); 2,500 swine weighing over 55 pounds; 10,000 sheep; 55,000 turkeys; 100,000 laying hens or broilers when facility has unlimited continuous flow watering systems; 30,000 laying hens or broilers when facility has liquid manure handling system; 500 horses; and 1,000 animal units from a combination of slaughter steers and heifers, mature dairy cattle, swine over 55 pounds and sheep.

b) Specialized definitions. The Board incorporates by reference 40 CFR 412.11 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 412.14 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 412.16 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after September 7, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.2202 Ducks

- a) Applicability. This Section applies to discharges resulting from feedlots for the following subcategories: Ducks -- dry lot; ducks -- wet lot; and for those feedlot operations within these subcategories as large or larger than the capacities given below: 5,000 ducks.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 412.21 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources:
  - 1) The Board incorporates by reference 40 CFR 412.24 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- d) New sources:
  - 1) The Board incorporates by reference 40 CFR 412.26 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
  - 3) "New source" means any building, structure, facility or installation the construction of which commenced after September 7, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### SUBPART N: ELECTROPLATING

#### Section 307.2300 General Provisions

- a) Applicability.
  - 1) This Subpart applies to any electroplating operations in which metal is electroplated on any basis material and to related metal finishing operations as set forth in the various Sections, whether such operations are conducted in conjunction with electroplating, independently or as part of some other operation.
  - 2) Operations similar to electroplating which are specifically expected from coverage of this Subpart include:

- A) Electrowinning and electrefining conducted as a part of nonferrous metal smelting and refining (Subpart V);
  - B) Metal surface preparation and conversion coating conducted as a part of coil coating (Subpart CN);
  - C) Metal surface preparation and immersion plating or electroless plating conducted as a part of porcelain enameling (Subpart CO); and
  - D) Electrodeposition of active electrode materials, electroimpregnation and electroforming conducted as a part of battery manufacturing (Subpart CJ).
- 3) Metallic platemaking and gravure cylinder preparation conducted within or for printing and publishing facilities, and continuous strip electroplating conducted within iron and steel manufacturing facilities are exempted from the pretreatment standards for existing sources set forth in this Subpart.
  - 4) Certain electroplating operations may be subject to the metal finishing standards of Subpart BH.

- b) General definitions. The Board incorporates by reference 40 CFR 413.02 (1986), as amended at 51 Fed Reg. 40421, November 7, 1986. This incorporation includes no later amendments or editions.

- c) Monitoring requirements. The Board incorporates by reference 40 CFR 413.03 (1986). This incorporation includes no later amendments or editions.

- d) Compliance dates. The Board incorporates by reference 40 CFR 413.01(a) (1986). This incorporation includes no later amendments or editions.

- e) Integrated facilities. The Board incorporates by reference 40 CFR 413.04 (1986). This incorporation includes no later amendments or editions.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.2301 Electroplating of Common Metals

- a) Applicability. This Section applies to discharges resulting from the process in which a ferrous or nonferrous basis material is electroplated with copper, nickel, chromium, zinc, tin, lead, cadmium, iron, aluminum or any combination of these.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 413.11 (1986). This incorporation includes no later amendments or editions.



c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 413.14 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

- d) Sources the construction of which commenced after August 31, 1982 are subject to Subpart BH.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.2302 Electroplating of Precious Metals

- a) Applicability. This Section applies to discharges resulting from the process in which a ferrous or nonferrous basis material is plated with gold, silver, iridium, palladium, platinum, rhodium, ruthenium or any combination of these.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 413.21 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 413.24 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

- d) Sources the construction of which commenced after August 31, 1982 are subject to Subpart BH.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.2304 Anodizing

- a) Applicability. This Section applies to discharges resulting from the anodizing of ferrous or nonferrous materials.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 413.41 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 413.44 (1986). This incorporation includes no later amendments or editions.

- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

- d) Sources the construction of which commenced after August 31, 1982 are subject to Subpart BH.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.2305 Coatings

- a) Applicability. This Section applies to discharges resulting from the chromating, phosphating or immersion plating on ferrous or nonferrous materials.

- b) Specialized definitions. The Board incorporates by reference 40 CFR 413.51 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 413.54 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

- d) Sources the construction of which commenced after August 31, 1982 are subject to Subpart BH.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.2306 Chemical Etching and Milling

- a) Applicability. This Section applies to discharges resulting from the chemical milling or etching of ferrous or nonferrous materials.

- b) Specialized definitions. The Board incorporates by reference 40 CFR 413.61 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 413.64 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

- d) Sources the construction of which commenced after August 31, 1982 are subject to Subpart BH.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.2307 Electroless Plating

- a) Applicability. This Section applies to discharges resulting from the electroless plating of a metallic layer on a metallic or nonmetallic substrate.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 413.71 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources:
  - 1) The Board incorporates by reference 40 CFR 413.74 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

- d) Sources the construction of which commenced after August 31, 1982 are subject to Subpart BH.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.2308 Printed Circuit Boards

- a) Applicability. This Section applies to discharges resulting from the manufacture of printed circuit boards, including all manufacturing operations required or used to convert an insulating substrate to a finished printed circuit board. The provisions set forth in other Sections of this Subpart are not applicable to the manufacture of printed circuit boards.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 413.81 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources:
  - 1) The Board incorporates by reference 40 CFR 413.84 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- d) Sources the construction of which commenced after August 31, 1982 are subject to Subpart BH.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

### SUBPART C: ORGANIC CHEMICALS MANUFACTURING

#### Section 307.2402 Processes with Process Water Contact only as Steam Diluent, Quench or Vent Gas Absorbent

- a) Applicability. This Section applies to discharges resulting from the manufacture of butadiene by any process which includes the oxidative dehydrogenation of butene.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 414.21 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.
- d) New sources:

- 1) The Board incorporates by reference 40 CFR 414.26 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after April 25, 1974.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

### SUBPART P: INORGANIC CHEMICALS MANUFACTURING

#### Section 307.2500 General Provisions

Compliance dates. The Board incorporates by reference 40 CFR 415.01 (1986). This incorporation includes no later amendments or editions.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.2501 Aluminum Chloride Production

- a) Applicability. This Section applies to discharges resulting from the production of aluminum chloride.
- b) Specialized definitions. None.
- c) Existing sources:
  - 1) The Board incorporates by reference 40 CFR 415.14 (1986). This incorporation includes no later amendments or editions.

- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources: All sources are regulated as existing sources.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.2502 Aluminum Sulfate Production

a) Applicability. This Section applies to discharges resulting from the production of aluminum sulfate.

b) Specialized definitions. None.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 415.24 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 415.26 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after July 24, 1980.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.2503 Calcium Carbide Production

a) Applicability. This Section applies to discharges resulting from the production of calcium carbide in uncovered furnaces.

b) Specialized definitions. None.

c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 415.36 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or

allow the discharge of any contaminant to a POTW in violation of such standards.

- 3) "New source" means any building, structure, facility or installation the construction of which commenced after July 24, 1980.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.2504 Calcium Chloride Production

a) Applicability. This Section applies to discharges resulting from the production of calcium chloride by the brine extraction process.

b) Specialized definitions. The Board incorporates by reference 40 CFR 415.41 (1986). This incorporation includes no later amendments or editions.

c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 415.46 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after July 24, 1980.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.2505 Calcium Oxide Production

a) Applicability. This Section applies to discharges resulting from the production of calcium oxide.

b) Specialized definitions. None.

c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 415.56 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the

construction of which commenced after July 24, 1980.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

**Section 307.2506 Chlor-alkali Process**  
(Chlorine and Sodium or Potassium Hydroxide Production)

- a) Applicability. This Section applies to discharges resulting from the production of chlorine and sodium or potassium hydroxide by the diaphragm cell process or by the mercury cell process.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 415.61 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 415.64 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 415.66 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after July 24, 1980.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

**Section 307.2508 Hydrofluoric Acid Production**

- a) Applicability. This Section applies to discharges resulting from the production of hydrofluoric acid.
- b) Specialized definitions. None.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 415.86 (1986). This incorporation includes no later amendments or editions.

- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

- 3) "New source" means any building, structure, facility or installation the construction of which commenced after July 24, 1980.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

**Section 307.2509 Hydrogen Peroxide Production**

- a) Applicability. This Section applies to discharges resulting from the production of hydrogen peroxide by the electrolytic process or by the oxidation of alkyl hydroanthraquinones.

- b) Specialized definitions. The Board incorporates by reference 40 CFR 415.91 (1986). This incorporation includes no later amendments or editions.

- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

- d) New sources: All sources are regulated as existing sources.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

**Section 307.2511 Potassium Metal Production**

- a) Applicability. This Section applies to discharges resulting from the production of potassium metal.

- b) Specialized definitions. None.

- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 415.116 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after July 24, 1980.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.2512 Potassium Dichromate Production

- a) Applicability. This Section applies to discharges resulting from the production of potassium dichromate.
- b) Specialized definitions. None.
- c) Existing sources:
  - 1) The Board incorporates by reference 40 CFR 415.124 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 415.126 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after July 24, 1980.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.2513 Potassium Sulfate Production

- a) Applicability. This Section applies to discharges resulting from the production of potassium sulfate.
- b) Specialized definitions. None.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.
- d) New sources:
  - 1) The Board incorporates by reference 40 CFR 415.136 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
  - 3) "New source" means any building, structure, facility or installation the construction of which commenced after July 24, 1980.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.2514 Sodium Bicarbonate Production

- a) Applicability. This Section applies to discharges resulting from the production of sodium bicarbonate.
- b) Specialized definitions. None.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.
- d) New sources:
  - 1) The Board incorporates by reference 40 CFR 415.146 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
  - 3) "New source" means any building, structure, facility or installation the construction of which commenced after July 24, 1980.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.2516 Sodium Chloride Production

- a) Applicability. This Section applies to discharges resulting from the production of sodium chloride by the solution brine-mining process or by the solar evaporation process.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 415.161 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.
- d) New sources:
  - 1) The Board incorporates by reference 40 CFR 415.166 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
  - 3) "New source" means any building, structure, facility or installation the construction of which commenced after July 24, 1980.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.2517 Sodium Dichromate and Sodium Sulfate Production

- a) Applicability. This Section applies to discharges resulting from the production of

sodium dichromate and by-product sodium sulfate.

- b) Specialized definitions. The Board incorporates by reference 40 CFR 415.171 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.
- d) New sources:
  - 1) The Board incorporates by reference 40 CFR 415.176 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
  - 3) "New source" means any building, structure, facility or installation the construction of which commenced after July 24, 1980.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.2520 Sodium Sulfite Production

- a) Applicability. This Section applies to discharges resulting from the production of sodium sulfite by reacting sulfur dioxide with sodium carbonate.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 415.201 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.
- d) New sources:
  - 1) The Board incorporates by reference 40 CFR 415.206 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
  - 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 25, 1983.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.2522 Titanium Dioxide Production

- a) Applicability. This Section applies to discharges resulting from the production of titanium dioxide by the sulfate process, the

chloride process or the simultaneous beneficiation-chlorination (chloride-ilmenite) process.

- b) Specialized definitions. The Board incorporates by reference 40 CFR 415.221 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.
- d) New sources:
  - 1) The Board incorporates by reference 40 CFR 415.226 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
  - 3) "New source" means any building, structure, facility or installation the construction of which commenced after July 24, 1980.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.2523 Aluminum Fluoride Production

- a) Applicability. This Section applies to discharges resulting from the production of aluminum fluoride.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 415.231 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.
- d) New sources: All sources are regulated as existing sources.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.2524 Ammonium Chloride Production

- a) Applicability. This Section applies to discharges resulting from the production of ammonium chloride by the reaction of anhydrous ammonia with hydrogen chloride gas or by the recovery process from Solvay process wastes.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 415.241 (1986). This incorporation includes no later amendments or editions.

- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

- d) New sources: All sources are regulated as existing sources.

(Source: Added at 12 I11. Reg. 2592, effective January 13, 1988).

#### Section 307.2527 Borax Production

- a) Applicability. This Section applies to discharges resulting from the production of borax by the ore mining process or by the Trona process.
- b) Specialized definitions. None.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.
- d) New sources: All sources are regulated as existing sources.

(Source: Added at 12 I11. Reg. 2592, effective January 13, 1988).

#### Section 307.2528 Boric Acid Production

- a) Applicability. This Section applies to discharges resulting from the production of boric acid from ore-mined borax or from borax produced by the Trona process.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 415.281 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.
- d) New sources: All sources are regulated as existing sources.

(Source: Added at 12 I11. Reg. 2592, effective January 13, 1988).

#### Section 307.2529 Bromine Production

- a) Applicability. This Section applies to discharges resulting from the production of bromine by the brine-mining process or by the Trona process.
- b) Specialized definitions. None.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.
- d) New sources:

- 1) The Board incorporates by reference 40 CFR 415.296 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 25, 1983.

(Source: Added at 12 I11. Reg. 2592, effective January 13, 1988).

#### Section 307.2530 Calcium Carbonate Production

- a) Applicability. This Section applies to discharges resulting from the production of calcium carbonate by the milk of lime process or by the recovery process from Solvay process wastes.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 415.301 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.
- d) New sources: All sources are regulated as existing sources.

(Source: Added at 12 I11. Reg. 2592, effective January 13, 1988).

#### Section 307.2531 Calcium Hydroxide Production

- a) Applicability. This Section applies to discharges resulting from the production of calcium hydroxide by the lime slaking process.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 415.311 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.
- d) New sources:

- 1) The Board incorporates by reference 40 CFR 415.316 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 25, 1983.

(Source: Added at 12 I11. Reg. 2592, effective January 13, 1988).

#### Section 307.2533 Carbon Monoxide and Byproduct Hydrogen Production

- a) Applicability. This Section applies to discharges resulting from the production of

carbon monoxide and by product hydrogen by the reforming process.

- b) Specialized definitions. The Board incorporates by reference 40 CFR 415.331 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.
- d) New sources: All sources are regulated as existing sources.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.2534 Chrome Pigments Production

- a) Applicability. This Section applies to discharges resulting from the production of chrome pigments.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 415.341 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources:
  - 1) The Board incorporates by reference 40 CFR 415.344 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- d) New sources:
  - 1) The Board incorporates by reference 40 CFR 415.346 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
  - 3) "New source" means any building, structure, facility or installation the construction of which commenced after July 24, 1980.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.2535 Chromic Acid Production

- a) Applicability. This Section applies to discharges resulting from the production of chromic acid in facilities which also manufacture sodium dichromate.
- b) Specialized definitions. None.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

#### d) New sources:

- 1) The Board incorporates by reference 40 CFR 415.356 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 25, 1983.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.2536 Copper Salts Production

- a) Applicability. This Section applies to discharges resulting from the production of copper salts, including:
  - 1) Copper sulfate, copper chloride, copper iodide and copper nitrate, and
  - 2) Copper carbonate.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 415.361 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources:
  - 1) The Board incorporates by reference 40 CFR 415.364 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

#### d) New sources:

- 1) The Board incorporates by reference 40 CFR 415.366 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 25, 1983.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.2538 Ferric Chloride Production

- a) Applicability. This Section applies to discharges resulting from the production of ferric chloride from pickle liquor.



b) Specialized definitions. The Board incorporates by reference 40 CFR 415.381 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 415.384 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 415.386 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 25, 1983.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.2540 Fluorine Production

a) Applicability. This Section applies to discharges resulting from the production of fluorine by the liquid hydrofluoric acid electrolysis process.

b) Specialized definitions. The Board incorporates by reference 40 CFR 415.401 (1986). This incorporation includes no later amendments or editions.

c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 415.406 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 25, 1983.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.2541 Hydrogen Production

a) Applicability. This Section applies to discharges resulting from the production of hydrogen as a refinery by-products.

b) Specialized definitions. The Board incorporates by reference 40 CFR 415.411 (1986). This incorporation includes no later amendments or editions.

c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

d) New sources: All sources are regulated as existing sources.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.2542 Hydrogen Cyanide Production

a) Applicability. This Section applies to discharges resulting from the production of hydrogen cyanide by the Andrussow process.

b) Specialized definitions. The Board incorporates by reference 40 CFR 415.421 (1986). This incorporation includes no later amendments or editions.

c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 415.426 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after July 24, 1980.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.2543 Iodine Production

a) Applicability. This Section applies to discharges resulting from the production of iodine.

b) Specialized definitions. The Board incorporates by reference 40 CFR 415.431 (1986). This incorporation includes no later amendments or editions.

c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 415.436 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 25, 1983.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.2544 Lead Monoxide Production

- a) Applicability. This Section applies to discharges resulting from the production of lead monoxide.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 415.441 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources:
  - 1) The Board incorporates by reference 40 CFR 415.444 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- d) New sources:
  - 1) The Board incorporates by reference 40 CFR 415.446 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
  - 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 25, 1983.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.2545 Lithium Carbonate Production

- a) Applicability. This Section applies to discharges resulting from the production of lithium carbonate by the Trona process or from spodumene ore.

- b) Specialized definitions. The Board incorporates by reference 40 CFR 415.451 (1986). This incorporation includes no later amendments or editions.

- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

- d) New sources: All sources are regulated as existing sources.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.2547 Nickel Salts Production

- a) Applicability. This Section applies to discharges resulting from the production of nickel salts, including:
  - 1) Nickel sulfate, nickel chloride, nickel nitrate, and nickel fluoborate, and
  - 2) Nickel carbonate.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 415.471 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources:
  - 1) The Board incorporates by reference 40 CFR 415.474 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 415.476 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 25, 1983.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.2549 Oxygen and Nitrogen Production

- a) Applicability. This Section applies to discharges resulting from the production of oxygen and nitrogen by air liquification.
- b) Specialized definitions. None.

c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

d) New sources: All sources are regulated as existing sources.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.2550 Potassium Chloride Production

a) Applicability. This Section applies to discharges resulting from the production of potassium chloride by the Trona process or by the mining process.

b) Specialized definitions. None.

c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

d) New sources:

1) The Board incorporates by reference 40 CFR 415.506 (1986). This incorporation includes no later amendments or editions.

2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

3) "New source" means any building, structure, facility or installation the construction of which commenced after October 25, 1983.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.2551 Potassium Iodide Production

a) Applicability. This Section applies to discharges resulting from the production of potassium iodide.

b) Specialized definitions. The Board incorporates by reference 40 CFR 415.511 (1986). This incorporation includes no later amendments or editions.

c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

d) New sources: All sources are regulated as existing sources.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.2553 Silver Nitrate Production

a) Applicability. This Section applies to discharges resulting from the production of silver nitrate.

b) Specialized definitions. The Board incorporates by reference 40 CFR 415.531

(1986). This incorporation includes no later amendments or editions.

c) Existing sources:

1) The Board incorporates by reference 40 CFR 415.534 (1986). This incorporation includes no later amendments or editions.

2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources: All sources are regulated as existing sources.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.2554 Sodium Bisulfite Production

a) Applicability. This Section applies to discharges resulting from the production of sodium bisulfite.

b) Specialized definitions. The Board incorporates by reference 40 CFR 415.541 (1986). This incorporation includes no later amendments or editions.

c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

d) New sources:

1) The Board incorporates by reference 40 CFR 415.546 (1986). This incorporation includes no later amendments or editions.

2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

3) "New source" means any building, structure, facility or installation the construction of which commenced after July 24, 1980.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.2555 Sodium Fluoride Production

a) Applicability. This Section applies to discharges resulting from the production of sodium fluoride by the anhydrous neutralization process or by the silico fluoride process.

b) Specialized definitions. The Board incorporates by reference 40 CFR 415.551 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

1) The Board incorporates by reference 40 CFR 415.554 (1986). This incorporation includes no later amendments or editions.

- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 415.556 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 25, 1983.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.2560 Stannic Oxide Production

- a) Applicability. This Section applies to discharges resulting from the production of stannic oxide by the reaction of tin metal with air or oxygen.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 415.601 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 415.606 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 25, 1983.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.2563 Zinc Sulfate Production

- a) Applicability. This Section applies to discharges resulting from the production of zinc sulfate.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 415.631 (1986). This incorporation includes no later amendments or editions.

- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 415.636 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 25, 1983.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.2564 Cadmium Pigments and Salts Production

- a) Applicability. This Section applies to discharges resulting from the production of cadmium pigments and salts including cadmium chloride, cadmium nitrate and cadmium sulfate.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 415.641 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 415.644 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 415.646 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 25, 1983.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.2565 Cobalt Salts Production

- a) Applicability. This Section applies to discharges resulting from the production of cobalt salts.

b) Specialized definitions. The Board incorporates by reference 40 CFR 415.651 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 415.654 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 415.656 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 25, 1983.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.2566 Sodium Chlorate Production

a) Applicability. This Section applies to discharges resulting from the production of sodium chlorate.

b) Specialized definitions. The Board incorporates by reference 40 CFR 415.661 (1986). This incorporation includes no later amendments or editions.

c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 415.666 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 25, 1983.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.2567 Zinc Chloride Production

a) Applicability. This Section applies to discharges resulting from the production of zinc chloride.

b) Specialized definitions. The Board incorporates by reference 40 CFR 415.671 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 415.674 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 415.676 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 25, 1983.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

### SUBPART R: SOAP AND DETERGENTS

#### Section 307.2701 Soap Manufacturing by Batch Kettle

a) Applicability. This Section applies to discharges resulting from operations in which neat soap is produced through saponification of animal and vegetable fats and oils by boiling in kettles.

b) Specialized definitions. The Board incorporates by reference 40 CFR 417.11 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 417.14 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 417.16 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after December 26, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.2702 Fatty Acid Manufacturing by Fat Splitting

- a) Applicability. This Section applies to discharges resulting from the splitting of fats to fatty acids by hydrolysis and the subsequent processing of the fatty acids (e.g., refining and hydrogenation) to produce a suitable feed material for manufacture of soap by fatty acid neutralization.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 417.21 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 417.24 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 417.26 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after December 26, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.2703 Soap Manufacturing by Fatty Acid Neutralization

- a) Applicability. This Section applies to discharges resulting from the manufacturing

of neat soap by neutralizing refined fatty acids with an alkaline material in approximately stoichiometric amounts in batch or continuous operations.

- b) Specialized definitions. The Board incorporates by reference 40 CFR 417.31 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 417.34 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 417.36 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after December 26, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.2704 Glycerine Concentration

- a) Applicability. This Section applies to discharges resulting from the concentration of sweet water from saponification or fat splitting to approximately 60 to 80 percent crude glycerine content.

- b) Specialized definitions. The Board incorporates by reference 40 CFR 417.41 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 417.44 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 417.46 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in

subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

- 3) "New source" means any building, structure, facility or installation the construction of which commenced after December 26, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.2705 Glycerine Distillation

- a) Applicability. This Section applies to discharges resulting from the production of finished glycerine of various grades (e.g., USP) through concentrations from crude glycerine by means of distillation.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 417.51 (1986). This incorporation includes no later amendments or editions.

#### c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 417.54 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

#### d) New sources:

- 1) The Board incorporates by reference 40 CFR 417.56 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after December 26, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.2706 Manufacture of Soap Flakes and Powders

- a) Applicability. This Section applies to discharges resulting from all operations associated with the manufacture of soap flakes and powders, commencing with the drying of the neat soap to and including packaging of the finished flakes and powders.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 417.61 (1986). This incorporation includes no later amendments or editions.

#### c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 417.64 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

#### d) New sources:

- 1) The Board incorporates by reference 40 CFR 417.66 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after December 26, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.2707 Manufacture of Bar Soaps

- a) Applicability. This Section applies to discharges resulting from all operations associated with conversion of neat soap to finished bar soaps, including drying, milling, plodding, stamping and packaging.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 417.71 (1986). This incorporation includes no later amendments or editions.

#### c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 417.74 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

#### d) New sources:

- 1) The Board incorporates by reference 40 CFR 417.76 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the

construction of which commenced after December 26, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.2708 Manufacture of Liquid Soaps

- a) **Applicability.** This Section applies to discharges resulting from the blending of ingredients employed in the manufacture of liquid soaps and the packaging of the finished products.
- b) **Specialized definitions.** The Board incorporates by reference 40 CFR 417.81 (1986). This incorporation includes no later amendments or editions.

c) **Existing sources:**

- 1) The Board incorporates by reference 40 CFR 417.84 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) **New sources:**

- 1) The Board incorporates by reference 40 CFR 417.86 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after December 26, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.2709 Oleum Sulfonation and Sulfation

- a) **Applicability.** This Section applies to discharges resulting from the manufacture of sulfonic acid and sulfuric acid esters by means of sulfonation and sulfation of raw materials, including but not limited to petroleum derived alkyls, employing oleum in either continuous or batch processes.
- b) **Specialized definitions.** The Board incorporates by reference 40 CFR 417.91 (1986). This incorporation includes no later amendments or editions.

c) **Existing sources:**

- 1) The Board incorporates by reference 40 CFR 417.94 (1986). This incorporation includes no later amendments or editions.

- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) **New sources:**

- 1) The Board incorporates by reference 40 CFR 417.96 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after December 26, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.2710 Air-Sulfur Trioxide Sulfation and Sulfonation

- a) **Applicability.** This Section applies to discharges resulting from the manufacture of sulfonic acid and sulfuric acid esters by means of sulfation and sulfonation employing air and sulfur trioxide in either continuous or batch processes.
- b) **Specialized definitions.** The Board incorporates by reference 40 CFR 417.101 (1986). This incorporation includes no later amendments or editions.

c) **Existing sources:**

- 1) The Board incorporates by reference 40 CFR 417.104 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) **New sources:**

- 1) The Board incorporates by reference 40 CFR 417.106 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after December 26, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).



Section 307.2711 Sulfur Trioxide Solvent and Vacuum Sulfonation

- a) Applicability. This Section applies to discharges resulting from the operations in which undiluted sulfur trioxide and organic reactant are fed through a mixing nozzle into a vacuum reactor where the sulfonation of the organic reactant takes place.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 417.111 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 417.114 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 417.116 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after December 26, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.2712 Sulfamic Acid Sulfation

- a) Applicability. This Section applies to discharges resulting from operations in which sulfamic acid is employed as the sulfating agent.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 417.121 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 417.124 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40

CFR 417.126 (1986). This incorporation includes no later amendments or editions.

- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after December 26, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.2713 Chlorosulfonic Acid Sulfation

- a) Applicability. This Section applies to discharges resulting from sulfation of alcohols, alkylphenols and alcohol ethoxylates utilizing chlorosulfonic acid as the sulfating agent.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 417.131 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 417.134 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 417.136 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after December 26, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.2714 Neutralization of Sulfuric Acid Esters and Sulfonic Acids

- a) Applicability. This Section applies to discharges resulting from the continuous or batch neutralization of sulfated and sulfonated alkylbenzenes, alcohols and other materials to convert them to neutral salts.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 417.141

(1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 417.144 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 417.146 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after December 26, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.2715 Manufacture of Spray Dried Detergents

- a) Applicability. This Section applies to discharges resulting from the all operations associated with the manufacture of spray dried detergents, including but not limited to assembly and storage of raw materials, crutching, spray drying, blending (including tumble spraying or additives) and packaging.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 417.151 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.
- d) New sources:
  - 1) The Board incorporates by reference 40 CFR 417.156 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
  - 3) "New source" means any building, structure, facility or installation the construction of which commenced after December 26, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.2716 Manufacture of Liquid Detergents

- a) Applicability. This Section applies to discharges resulting from all operations associated with the manufacture of liquid detergents, commencing with the blending of ingredients, to and including bottling or packaging finished products.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 417.161 (1986). This incorporation includes no later amendments or editions.

c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 417.166 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after December 26, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.2717 Manufacturing of Detergents by Dry Blending

- a) Applicability. This Section applies to discharges resulting from operations associated with the manufacture of detergents by means of the blending of dry ingredients, including, but not limited to, blending and subsequent packaging
- b) Specialized definitions. The Board incorporates by reference 40 CFR 417.171 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.
- d) New sources:
  - 1) The Board incorporates by reference 40 CFR 417.176 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
  - 3) "New source" means any building, structure, facility or installation the construction of which commenced after December 26, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

**Section 307.2718 Manufacture of Drum Dried Detergents**

- a) Applicability. This Section applies to discharges resulting from operations associated with the manufacture of detergents by drum drying, including, but not limited to, drying of formulations on heated drums or rollers, conversion of dried detergents to powders or flakes and packaging of finished products.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 417.181 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.
- d) New sources:
  - 1) The Board incorporates by reference 40 CFR 417.186 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
  - 3) "New source" means any building, structure, facility or installation the construction of which commenced after December 26, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

**Section 307.2719 Manufacture of Detergent Bars and Cakes**

- a) Applicability. This Section applies to discharges resulting from operations associated with the manufacture of detergent bars and cakes, including, but not limited to, drying, milling, plodding, stamping and packaging.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 417.191 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources:
  - 1) The Board incorporates by reference 40 CFR 417.194 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- d) New sources:

- 1) The Board incorporates by reference 40 CFR 417.196 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after December 26, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

**SUBPART S: FERTILIZER MANUFACTURING**

**Section 307.2801 Phosphate**

- a) Applicability. This Section applies to discharges resulting from the manufacture of sulfuric acid by sulfur burning, wet process phosphoric acid, normal superphosphate, triple superphosphate and ammonium phosphate.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 418.11 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.
- d) New sources:
  - 1) The Board incorporates by reference 40 CFR 418.16 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
  - 3) "New source" means any building, structure, facility or installation the construction of which commenced after December 7, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

**Section 307.2802 Ammonia**

- a) Applicability. This Section applies to discharges resulting from the manufacture of ammonia. Discharges attributable to shipping losses and cooling tower blowdown are excluded.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 418.21 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources: These sources shall comply

with the general and specific pretreatment requirements of Subpart B.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 418.26 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after December 7, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.2803 Urea

- a) Applicability. This Section applies to discharges resulting from the manufacture of urea. Discharges attributable to shipping losses and precipitation runoff from outside the battery limits of the urea manufacturing operations and cooling tower blowdown are excluded.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 418.31 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.
- d) New sources:

- 1) The Board incorporates by reference 40 CFR 418.36 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after December 7, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.2804 Ammonium Nitrate

- a) Applicability. This Section applies to discharges resulting from the manufacture of ammonium nitrate.
- b) These sources shall comply with the general and specific pretreatment requirements of Subpart B.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.2805 Nitric Acid

- a) Applicability. This Section applies to discharges resulting from production of nitric acid in concentrations up to 68 percent. Discharges from shipping losses are excluded.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 418.51 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 418.56 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after December 7, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.2806 Ammonium Sulfate Production

- a) Applicability. This Section applies to discharges resulting from the production of ammonium sulfate by the synthetic process or by coke oven byproduct recovery. This Section does not apply to ammonium sulfate produced as a byproduct of caprolactam production.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 418.61 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 418.66 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 7, 1974.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.2807 Mixed and Blend Fertilizer Production

- a) Applicability. This Section applies to discharges resulting from the production of mixed fertilizer and blend fertilizer.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 418.71 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

#### d) New sources:

- 1) The Board incorporates by reference 40 CFR 418.76 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 7, 1974.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

### SUBPART T: PETROLEUM REFINING

#### Section 307.2901 Topping

- a) Applicability. This Section applies to discharges resulting from any facility that produces petroleum products by the use of topping and catalytic reforming, whether or not the facility includes any other process in addition to topping and catalytic reforming. This Section does not apply to facilities that include thermal processes (coking, vis-breaking, etc.) or catalytic cracking
- b) Specialized definitions. The Board incorporates by reference 40 CFR 419.11 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources:
  - 1) The Board incorporates by reference 40 CFR 419.15 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in

subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

#### d) New sources:

- 1) The Board incorporates by reference 40 CFR 419.17 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after December 21, 1979.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.2902 Cracking

- a) Applicability. This Section applies to discharges resulting from any facility that produces petroleum products by the use of topping and cracking, whether or not the facility includes any process in addition to topping and cracking. This Section does not apply, however, to facilities that include the processes specified in Sections 307.2903, 307.2904 and 307.2905.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 419.21 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources:
  - 1) The Board incorporates by reference 40 CFR 419.25 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

#### d) New sources:

- 1) The Board incorporates by reference 40 CFR 419.27 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after December 21, 1979.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.2903 Petrochemical

- a) **Applicability.** This Section applies to discharges resulting from any facility that produces petroleum products by the use of topping, cracking and petrochemical operations whether or not the facility includes any process in addition to topping, cracking and petrochemical operations. This Section does not apply, however, to facilities that include the processes specified in Sections 307.2904 and 307.2905.
- b) **Specialized definitions.** The Board incorporates by reference 40 CFR 419.31 (1986). This incorporation includes no later amendments or editions.
- c) **Existing sources:**
- 1) The Board incorporates by reference 40 CFR 419.35 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) **New sources:**

- 1) The Board incorporates by reference 40 CFR 419.37 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after December 21, 1979.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.2904 Lube

- a) **Applicability.** This Section applies to discharges resulting from any facility that produces petroleum products by the use of topping, cracking and lube oil manufacturing processes, whether or not the facility includes any process in addition to topping, cracking and lube oil manufacturing processes. The Section does not apply, however, to facilities that include the processes specified in Sections 307.2903 and 307.2905.
- b) **Specialized definitions.** The Board incorporates by reference 40 CFR 419.41 (1986). This incorporation includes no later amendments or editions.
- c) **Existing sources:**
- 1) The Board incorporates by reference 40 CFR 419.45 (1986). This incorporation includes no later amendments or editions.

- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) **New sources:**

- 1) The Board incorporates by reference 40 CFR 419.47 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after December 21, 1979.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.2905 Integrated

- a) **Applicability.** This Section applies to discharges resulting from any facility that produces petroleum products by the use of topping, cracking, lube oil manufacturing processes and petrochemical operations, whether or not the facility includes any process in addition to topping, cracking, lube oil manufacturing processes and petrochemical operations.
- b) **Specialized definitions.** The Board incorporates by reference 40 CFR 419.51 (1986). This incorporation includes no later amendments or editions.
- c) **Existing sources:**

- 1) The Board incorporates by reference 40 CFR 419.55 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) **New sources:**

- 1) The Board incorporates by reference 40 CFR 419.57 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after December 21, 1979.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

## SUBPART U: IRON AND STEEL MANUFACTURING

### Section 307.3000 General Provisions

#### a) Applicability

- 1) This Subpart applies to the introduction of pollutants into a POTW resulting from production operations in the iron and steel category.
  - 2) The Board incorporates by reference 40 CFR 420.01(b) (1986). This incorporation includes no later amendments or editions.
- b) General definitions. The Board incorporates by reference 40 CFR 420.02 (1986). This incorporation includes no later amendments or editions.
- c) Compliance dates. The Board incorporates by reference 40 CFR 420.05 (1986). This incorporation includes no later amendments or editions.
- d) Calculation of pretreatment standards. The Board incorporates by reference 40 CFR 420.04 (1986). This incorporation includes no later amendments or editions.
- e) Removal credits for phenols. The control authority may grant removal credits pursuant to 35 Ill. Adm. Code 310.300 et seq. for phenols limited in this Subpart when used as an indicator or surrogate pollutant.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

### Section 307.3001 Cokemaking

- a) Applicability. This Section applies to discharges resulting from byproduct and beehive cokemaking operations.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 420.11 (1986). This incorporation includes no later amendments or editions.

#### c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 420.15 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

#### d) New sources:

- 1) The Board incorporates by reference 40 CFR 420.16 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

- 3) "New source" means any building, structure, facility or installation the construction of which commenced after January 7, 1981.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

### Section 307.3002 Sintering

- a) Applicability. This Section applies to discharges resulting from sintering operations conducted by the heating of iron bearing wastes (mill scale and dust from blast furnaces and steelmaking furnaces) together with fine iron ore, limestone and coke fines in an ignition furnace to produce an agglomerate for charging to the blast furnace.
- b) Specialized definitions. None.
- c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 420.25 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

#### d) New sources:

- 1) The Board incorporates by reference 40 CFR 420.26 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after January 7, 1981.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

### Section 307.3003 Ironmaking

- a) Applicability. This Section applies to discharges resulting from ironmaking operations in which iron ore is reduced to molten iron in a blast furnace.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 420.31 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 420.35 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment

standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 420.36 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after January 7, 1981.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.3004 Steelmaking

- a) Applicability. This Section applies to discharges resulting from steelmaking operations conducted in basic oxygen, open hearth or electric arc furnaces.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 420.41 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 420.45 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 420.46 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after January 7, 1981.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.3005 Vacuum Degassing

- a) Applicability. This Section applies to discharges resulting from vacuum degassing

operations conducted by applying a vacuum to molten steel.

b) Specialized definitions. None.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 420.55 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 420.56 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after January 7, 1981.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.3006 Continuous Casting

- a) Applicability. This Section applies to discharges resulting from the continuous casting of molten steel into intermediate or semi-finished steel products through water cooled molds.

b) Specialized definitions. None.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 420.65 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 420.66 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after January 7, 1981.



(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.3007 Hot Forming

- a) Applicability. This Section applies to discharges resulting from hot forming operations conducted in primary, section, flat, and pipe and tube mills.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 420.71 (1986). This incorporation includes no later amendments or editions.

#### c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 420.75 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

- d) New sources: These sources shall comply with the standards for existing sources.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.3008 Salt Bath Descaling

- a) Applicability. This Section applies to discharges resulting from oxidizing or reducing salt bath descaling operations.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 410.81 (1986). This incorporation includes no later amendments or editions.

#### c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 420.85 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

#### d) New sources:

- 1) The Board incorporates by reference 40 CFR 420.86 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after January 7, 1981.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.3009 Acid Pickling

- a) Applicability. This Section applies to discharges resulting from sulfuric acid, hydrochloric acid or combination acid pickling operations.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 420.91 (1986). This incorporation includes no later amendments or editions.

#### c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 420.95 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

#### d) New sources:

- 1) The Board incorporates by reference 40 CFR 420.96 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after January 7, 1981.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.3010 Cold Forming

- a) Applicability. This Section applies to discharges resulting from cold rolling and cold working pipe and tube operations in which unheated steel is passed through rolls or otherwise processed to reduce its thickness, to produce a smooth surface or to develop controlled mechanical properties in the steel.

- b) Specialized definitions. The Board incorporates by reference 40 CFR 420.101 (1986). This incorporation includes no later amendments or editions.

#### c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 420.105 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or

allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 420.106 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after January 7, 1981.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.3011 Alkaline Cleaning

- a) Applicability. This Section applies to discharges resulting from operations in which steel or steel products are immersed in alkaline cleaning baths to remove mineral or animal fats or oils from the steel, and those rinse operations which follow such immersion.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 420.111 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.
- d) New sources: All sources are regulated as existing sources.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.3012 Hot Coating

- a) Applicability. This Section applies to discharges resulting from operations in which steel is coated with zinc,terne metal or other metals by the hot dip process, and those rinsing operations associated with that process.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 420.121 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources:
  - 1) The Board incorporates by reference 40 CFR 420.125 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 420.126 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after January 7, 1981.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

SUBPART V: NONFERROUS METALS  
MANUFACTURING

Section 307.3100 General Provisions

- a) Applicability. This Subpart applies to any facility producing primary metals from ore concentrates or recovering secondary metals from recycle wastes which introduces or may introduce pollutants into a POTW. This Subpart applies only to alloying or casting of hot metal directly from the nonferrous metals manufacturing process without cooling. Remelting followed by alloying or cooling is included in the aluminum forming, nonferrous metals forming or metal molding and casting categories.
- c) Monitoring requirements. The Board incorporates by reference 40 CFR 421.3 (1986). This incorporation includes no later amendments or editions.
- d) Compliance dates. The Board incorporates by reference 40 CFR 421.4 (1986). This incorporation includes no later amendments or editions.
- e) Removal credits. The control authority may grant removal credits pursuant to 35 Ill. Adm. Code 310.300 et seq. for toxic metals limited in this Subpart when used as indicator pollutants.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.3101 Bauxite Refining

- a) Applicability. This Section applies to discharges resulting from the refining of bauxite to alumina by the Bayer process or by the combination process.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 421.11 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 421.16 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after June 27, 1984.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.3102 Primary Aluminum Smelting

- a) Applicability. This Section applies to discharges resulting from the production of aluminum from alumina by the Hall-Heroult process.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 421.21 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 421.26 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after February 17, 1983.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.3103 Secondary Aluminum Smelting

- a) Applicability. This Section applies to discharges resulting from the recovery, processing and remelting of aluminum scrap to produce metallic aluminum alloys.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 421.31 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 421.35 (1986). This incorporation includes no later amendments or editions.

- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 421.36 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after February 17, 1983.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.3104 Primary Copper Smelting

- a) Applicability. This Section applies to discharges resulting from the primary smelting of copper from ore or ore concentrates. Primary copper smelting includes, but is not limited to, roasting, converting, leaching if preceded by a pyrometallurgical step, slag granulation and dumping, fire refining and the casting of products from these operations.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 421.41 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 421.46 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after February 17, 1983.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.3105 Primary Electrolytic Copper Refining

- a) Applicability. This Section applies to discharges resulting from the electrolytic refining of primary copper, including, but

not limited to, anode casting performed at refineries which are not located on-site with a smelter, product casting and by-product recovery.

b) Specialized definitions. The Board incorporates by reference 40 CFR 421.51 (1986). This incorporation includes no later amendments or editions.

c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 421.56 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after February 17, 1983.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.3106 Secondary Copper

a) Applicability. This Section applies to discharges resulting from the recovery, processing and remelting of new and use copper scrap and residues to produce copper metal and copper alloys; but does not apply to continuous rod casting.

b) Specialized definitions. The Board incorporates by reference 40 CFR 421.61 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 621.65 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 421.66 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the

construction of which commenced after February 17, 1983.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.3107 Primary Lead

a) Applicability. This Section applies to discharges resulting from the production of lead at primary lead smelters and refineries.

b) Specialized definitions. The Board incorporates by reference 40 CFR 421.71 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 721.75 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 721.76 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after February 17, 1983.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.3108 Primary Zinc

a) Applicability. This Section applies to discharges resulting from the production of zinc by either electrolytic or pyrolytic means.

b) Specialized definitions. The Board incorporates by reference 40 CFR 421.81 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 421.85 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 421.86 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after February 17, 1983.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.3109 Metallurgical Acid Plants

a) Applicability. This Section applies to discharges resulting from or associated with the manufacture of by-product sulfuric acid at primary smelters, primary copper smelters, primary zinc facilities, primary lead facilities or primary molybdenum facilities, including associated air pollution control or gas-conditioning systems for sulfur dioxide off-gases from pyrometallurgical operations.

b) Specialized definitions. The Board incorporates by reference 40 CFR 421.91 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 421.95 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 421.96 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after February 17, 1983.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.3110 Primary Tungsten

a) Applicability. This Section applies to discharges resulting from the production of tungsten at primary tungsten facilities.

b) Specialized definitions. The Board incorporates by reference 40 CFR 421.101 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 421.105 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 421.106 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after February 17, 1983.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.3111 Primary Columbium-Tantalum

a) Applicability. This Section applies to discharges resulting from the production of columbium or tantalum by primary columbium-tantalum facilities.

b) Specialized definitions. The Board incorporates by reference 40 CFR 421.111 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 421.115 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 421.116 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the

construction of which commenced after  
February 17, 1983.

(Source: Added at 12 ILL. Reg. 2592, effective  
January 13, 1988).

#### Section 307.3112 Secondary Silver

- a) Applicability. This Section applies to discharges resulting from the production of silver from secondary silver facilities processing photographic and nonphotographic raw materials.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 421.121 (1986). This incorporation includes no later amendments or editions.

#### c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 421.125 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

#### d) New sources:

- 1) The Board incorporates by reference 40 CFR 421.126 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after February 17, 1983.

(Source: Added at 12 ILL. Reg. 2592, effective  
January 13, 1988).

#### Section 307.3113 Secondary Lead

- a) Applicability. This Section applies to discharges resulting from the production of lead by secondary lead facilities.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 421.131 (1986). This incorporation includes no later amendments or editions.

#### c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 421.135 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

#### d) New sources:

- 1) The Board incorporates by reference 40 CFR 421.136 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after February 17, 1983.

(Source: Added at 12 ILL. Reg. 2592, effective  
January 13, 1988).

#### Section 307.3114 Primary Antimony

- a) Applicability. This Section applies to discharges resulting from the production of antimony at primary antimony facilities.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 421.141 (1986). This incorporation includes no later amendments or editions.

c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

#### d) New sources:

- 1) The Board incorporates by reference 40 CFR 421.146 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after June 27, 1984.

(Source: Added at 12 ILL. Reg. 2592, effective  
January 13, 1988).

#### Section 307.3115 Primary Beryllium

- a) Applicability. This Section applies to discharges resulting from the production of beryllium by primary beryllium facilities processing beryllium ore concentrate or beryllium hydroxide raw materials.

b) Specialized definitions. The Board incorporates by reference 40 CFR 421.151 (1986). This incorporation includes no later amendments or editions.

c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

#### d) New sources:

- 1) The Board incorporates by reference 40 CFR 421.156 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after June 27, 1984.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.3116 Primary and Secondary Germanium and Gallium

- a) Applicability. This Section applies to discharges resulting from the production of germanium or gallium from primary or secondary germanium or gallium facilities.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 421.181 (1986). This incorporation includes no later amendments or editions.

#### c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 421.185 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

#### d) New sources:

- 1) The Board incorporates by reference 40 CFR 421.186 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after June 27, 1984.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.3117 Secondary Indium

- a) Applicability. This Section applies to discharges resulting from the production of indium at secondary indium facilities processing spent electrolyte solutions and scrap indium raw materials.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 421.191

(1986). This incorporation includes no later amendments or editions.

#### c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 421.195 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

#### d) New sources:

- 1) The Board incorporates by reference 40 CFR 421.196 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after June 27, 1984.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.3118 Secondary Mercury

- a) Applicability. This Section applies to discharges resulting from the production of mercury from secondary mercury facilities processing recycled mercuric oxide batteries and other mercury containing scrap raw materials.

- b) Specialized definitions. The Board incorporates by reference 40 CFR 421.201 (1986). This incorporation includes no later amendments or editions.

- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

#### d) New sources:

- 1) The Board incorporates by reference 40 CFR 421.206 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after June 27, 1984.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.3119 Primary Molybdenum and Rhenium

- a) Applicability. This Section applies to discharges resulting from the production of molybdenum and rhenium facilities.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 421.211 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.
- d) New sources:
  - 1) The Board incorporates by reference 40 CFR 421.216 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
  - 3) "New source" means any building, structure, facility or installation the construction of which commenced after June 27, 1984.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.3120 Secondary Molybdenum and Vanadium

- a) Applicability. This Section applies to discharges resulting from the production of molybdenum or vanadium by secondary molybdenum or vanadium facilities.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 421.221 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.
- d) New sources:
  - 1) The Board incorporates by reference 40 CFR 421.226 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
  - 3) "New source" means any building, structure, facility or installation the construction of which commenced after June 27, 1984.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.3121 Primary Nickel and Cobalt

- a) Applicability. This Section applies to discharges resulting from the production of nickel or cobalt by primary nickel or cobalt facilities processing ore concentrate raw materials.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 421.131 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.
- d) New sources:
  - 1) The Board incorporates by reference 40 CFR 421.236 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
  - 3) "New source" means any building, structure, facility or installation the construction of which commenced after June 27, 1984.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.3122 Secondary Nickel

- a) Applicability. This Section applies to discharges resulting from the production of nickel by secondary nickel facilities processing slag, spent acids or scrap metal raw materials.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 421.241 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources:
  - 1) The Board incorporates by reference 40 CFR 421.245 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- d) New sources:
  - 1) The Board incorporates by reference 40 CFR 421.246 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or



allow the discharge of any contaminant to a POTW in violation of such standards.

- 3) "New source" means any building, structure, facility or installation the construction of which commenced after June 27, 1984.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.3123 Primary Precious Metals and Mercury

- a) Applicability. This Section applies to discharges resulting from the production of gold, silver or mercury by primary precious metals and mercury facilities.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 421.251 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.
- d) New sources:
  - 1) The Board incorporates by reference 40 CFR 421.256 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
  - 3) "New source" means any building, structure, facility or installation the construction of which commenced after June 27, 1984.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.3124 Secondary Precious Metals

- a) Applicability. This Section applies to discharges resulting from the production of precious metals at secondary precious metals facilities.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 421.261 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources:
  - 1) The Board incorporates by reference 40 CFR 421.265 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- d) New sources:

- 1) The Board incorporates by reference 40 CFR 421.266 (1986). This incorporation includes no later amendments or editions.

- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

- 3) "New source" means any building, structure, facility or installation the construction of which commenced after June 27, 1984.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.3125 Primary Rare Earth Metals

- a) Applicability. This Section applies to discharges resulting from the production of rare earth metals and mischmetal by primary rare earth metals facilities processing rare earth metal oxides, chlorides or fluorides.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 421.271 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources:
  - 1) The Board incorporates by reference 40 CFR 421.275 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- d) New sources:

- 1) The Board incorporates by reference 40 CFR 421.276 (1986). This incorporation includes no later amendments or editions.

- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

- 3) "New source" means any building, structure, facility or installation the construction of which commenced after June 27, 1984.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.3126 Secondary Tantalum

- a) Applicability. This Section applies to discharges resulting from the production of tantalum at secondary tantalum facilities.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 421.281 (1986). This incorporation includes no later amendments or editions.

c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 421.286 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after June 27, 1984.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.3127 Secondary Tin

a) Applicability. This Section applies to discharges resulting from the production of tin at secondary tin facilities utilizing either pyrometallurgical or hydrometallurgical processes to recover tin from secondary materials.

b) Specialized definitions. The Board incorporates by reference 40 CFR 421.291 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 421.295 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 421.296 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after June 27, 1984.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.3128 Primary and Secondary Titanium

a) Applicability. This Section applies to discharges resulting from the production of titanium at primary or secondary titanium facilities. Facilities which practice only vacuum distillation for sponge purification and which do not practice electrolytic recovery of magnesium are exempt from regulations. All other primary and secondary titanium facilities are covered by these regulations.

b) Specialized definitions. The Board incorporates by reference 40 CFR 421.301 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 421.305 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 421.306 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after June 27, 1984.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.3129 Secondary Tungsten and Cobalt

a) Applicability. This Section applies to discharges resulting from the production of tungsten or cobalt at secondary tungsten or cobalt facilities processing tungsten or tungsten carbide raw materials.

b) Specialized definitions. The Board incorporates by reference 40 CFR 421.311 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 421.315 (1986). This incorporation includes no later amendments or editions.

- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 421.316 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after June 27, 1984.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

**Section 307.3130 Secondary Uranium**

- a) **Applicability.** This Section applies to discharges resulting from the production of uranium (including depleted uranium) by secondary uranium facilities.
- b) **Specialized definitions.** The Board incorporates by reference 40 CFR 421.321 (1986). This incorporation includes no later amendments or editions.
- c) **Existing sources:** These sources shall comply with the general and specific pretreatment requirements of Subpart B.
- d) **New sources:**
  - 1) The Board incorporates by reference 40 CFR 421.326 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
  - 3) "New source" means any building, structure, facility or installation the construction of which commenced after June 27, 1984.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

**Section 307.3131 Primary Zirconium and Hafnium**

- a) **Applicability.** This Section applies to discharges resulting from the production of zirconium or hafnium at primary zirconium or hafnium facilities. There are two levels of pretreatment standards for existing and new sources. Facilities which produce zirconium or zirconium/nickel alloys only by magnesium reduction of zirconium dioxide are subject only to the Subpart B provisions. All other

facilities are subject to this Section.

- b) **Specialized definitions.** The Board incorporates by reference 40 CFR 421.331 (1986). This incorporation includes no later amendments or editions.
- c) **Existing sources:** These sources shall comply with the general and specific pretreatment requirements of Subpart B.
- d) **New sources:**
  - 1) The Board incorporates by reference 40 CFR 421.336 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
  - 3) "New source" means any building, structure, facility or installation the construction of which commenced after June 27, 1984.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

**SUBPART X: STEAM ELECTRIC POWER GENERATING**

**Section 307.3301 Steam Electric Power Generating**

- a) **Applicability.** This Section applies to discharges resulting from operation of a generating unit by an establishment engaged primarily in the generation of electricity for distribution and sale which results primarily from a process utilizing fossil-type fuel (coal, oil or gas) or nuclear fuel in conjunction with a thermal cycle employing the steam water system as the thermodynamic medium.
- b) **Specialized definitions.** The Board incorporates by reference 40 CFR 423.11 (1986). This incorporation includes no later amendments or editions.
- c) **Existing sources:**
  - 1) The Board incorporates by reference 40 CFR 423.16 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- d) **New sources:**
  - 1) The Board incorporates by reference 40 CFR 423.17 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in

subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 14, 1980.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### SUBPART Y: FERROALLOY MANUFACTURING

##### Section 307.3401 Open Electric Furnace With Wet Air Pollution Control Devices

- a) Applicability. This Section applies to discharges resulting from the smelting of ferroalloys in open electric furnaces with wet air pollution control devices. This subcategory includes those electric furnaces of such construction or configuration that the furnace off gases are burned above the furnace charge level by air drawn into the system. After combustion the gases are cleaned in a wet air pollution control device, such as a scrubber, an electrostatic precipitator with water or other aqueous sprays, etc. The provisions of the Section are not applicable to noncontact cooling water or to those electric furnaces which are covered, closed, sealed or semi covered and in which the furnace off-gases are not burned prior to collection (regulated in Section 301.3402).

- b) Specialized definitions. The Board incorporates by reference 40 CFR 424.11 (1986). This incorporation includes no later amendments or editions.

- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

- d) New sources:

- 1) The Board incorporates by reference 40 CFR 424.15 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 18, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

##### Section 307.3402 Covered Electric Furnaces and Other Smelting Operations with Wet Air Pollution Control Devices

- a) Applicability. This Section applies to discharges resulting from the smelting of ferroalloys in covered electric furnaces or other smelting operations, not elsewhere included in this Subpart, with wet air pollution control devices. This subcategory includes those electric furnaces of such construction or configuration (known as covered, closed, sealed, semi covered or semi closed furnaces) that the furnace off gases are not burned prior to collection and cleaning, and which off-gases are cleaned after collection in a wet air pollution control device such as a scrubber, "wet" baghouse, etc. This subcategory also includes those non electric furnace smelting operations, such as exothermic (i.e., aluminothermic or silicothermic) smelting, ferromanganese refining, etc., where these are controlled for air pollution by wet air pollution control devices. This subcategory does not include noncontact cooling water or those furnaces which utilize dry dust collection techniques, such as dry baghouses.

- b) Specialized definitions. The Board incorporates by reference 40 CFR 424.21 (1986). This incorporation includes no later amendments or editions.

- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

- d) New sources:

- 1) The Board incorporates by reference 40 CFR 424.26 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 18, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

##### Section 307.3403 Slag Processing

- a) Applicability. This Section applies to discharges resulting from slag processing in which:

- 1) The residual metal values in the furnace slag are recovered via concentration for return to the furnace; or
- 2) The slag is "shot" for further use.

- b) Specialized definitions. The Board incorporates by reference 40 CFR 424.31 (1986). This incorporation includes no later amendments or editions.

- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 424.36 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 18, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.3404 Covered Calcium Carbide Furnaces With Wet Air Pollution Control Devices

- a) Applicability. This Section applies to discharges resulting from the production of calcium carbide in covered electric furnaces which use wet air pollution control devices. This subcategory includes those electric furnaces of such construction or configuration (known as covered, closed, sealed, semi-covered or semi-closed furnaces) that the furnace off-gases are not burned prior to collection and cleaning, and which off-gases are cleaned after collection in a wet air pollution control device such as a scrubber, "wet" baghouse, etc. This subcategory does not include noncontact cooling water or those furnaces which utilize dry dust collection techniques, such as dry baghouses.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 424.11 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.
- d) New sources: All sources are regulated as existing sources.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.3405 Other Calcium Carbide Furnaces

- a) Applicability. This Section applies to discharges resulting from the production of calcium carbide in those covered furnaces which do not utilize wet air pollution control methods. Covered calcium carbide furnaces using wet air pollution control devices are regulated in Section 307.3404. Open (uncovered) calcium carbide furnaces are regulated in Subpart P, Inorganic Chemicals Manufacturing.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 424.51

(1986). This incorporation includes no later amendments or editions.

- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

- d) New sources: All sources are regulated as existing sources.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.3406 Electrolytic Manganese Products

- a) Applicability. This Section applies to discharges resulting from the manufacture of electrolytic manganese products such as electrolytic manganese metal or electrolytic manganese dioxide.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 424.61 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.
- d) New sources: All sources are regulated as existing sources.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.3407 Electrolytic Chromium

- a) Applicability. This Section applies to discharges resulting from the manufacture of chromium metal by the electrolytic process. It does not apply to the manufacture of chromium metal by aluminothermic or other methods.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 424.71 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.
- d) New sources: All sources are regulated as existing sources.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

SUBPART Z: LEATHER TANNING AND FINISHING

Section 307.3500 General Provisions

- a) Applicability. This Section applies to any leather tanning and finishing facility which introduces or may introduce process wastewater pollutants into a POTW.

b) General definitions. The Board incorporates by reference 40 CFR 425.02 (1986). This incorporation includes no later amendments or editions.

c) Sulfide analytical method. The Board incorporates by reference 40 CFR 425.03 (1986). This incorporation includes no later amendments or editions.

d) Applicability of sulfide standards. The Board incorporates by reference 40 CFR 425.04 (1986). This incorporation includes no later amendments or editions.

e) Compliance dates. The Board incorporates by reference 40 CFR 425.05 (1986). This incorporation includes no later amendments or editions.

f) Monitoring requirements. The Board incorporates by reference 40 CFR 425.06 (1986). This incorporation includes no later amendments or editions.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988)

Section 307.3501 Hair Pulp, Chrome Tan, Retan-Wet Finish

a) Applicability. This Section applies to discharges resulting from any tannery which, either exclusively or in addition to other unhairing and tanning operations, processes raw or cured cattle or cattle-like hides into finished leather by chemically dissolving the hide hair, chrome tanning and retan wet finishing.

b) Specialized definitions. None.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 425.15 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 425.16 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after July 2, 1979.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.3502 Hair Save, Chrome Tan, Retan Wet Finish

a) Applicability. This Section applies to discharges resulting from any tannery which processes raw or cured cattle or cattle-like hides into finished leather by hair save unhairing, chrome tanning and retan-wet finishing.

b) Specialized definitions. None.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 425.25 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 425.26 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after July 2, 1979.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.3503 Hair Save or Pulp, Non-Chrome Tan, Retan-Wet Finish

a) Applicability. This Section applies to discharges resulting from any tannery which processes raw or cured cattle or cattle-like hides into finished leather by hair save or pulp unhairing, vegetable tanning or alum, syntans, oils and other agents for tanning and retan wet finishing.

b) Specialized definitions. None.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 425.35 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 425.36 (1986). This incorporation includes no later amendments or editions.

- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after July 2, 1979.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.3504 Retan-Wet Finish Sides

- a) Applicability. This Section applies to discharges resulting from any tannery which processes previously tanned hides and skins (grade side only) into finished leather by retan-wet finishing.
- b) Specialized definitions. None.
- c) Existing sources:
  - 1) The Board incorporates by reference 40 CFR 425.45 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

#### d) New sources:

- 1) The Board incorporates by reference 40 CFR 425.46 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after July 2, 1979.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.3505 No Beamhouse

- a) Applicability. This Section applies to discharges resulting from any tannery which processes cattle hides, sheepskins or splits (hair previously removed and pickled) into finished leather by chrome or non chrome tanning, and retan-wet finishing.
- b) Specialized definitions. None.
- c) Existing sources:
  - 1) The Board incorporates by reference 40 CFR 425.55 (1986). This incorporation includes no later amendments or editions.

- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

#### d) New sources:

- 1) The Board incorporates by reference 40 CFR 425.56 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after July 2, 1979.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.3506 Through-the-Blue

- a) Applicability. This Section applies to discharges resulting from any tannery which processes raw or cured cattle or cattle-like hides through the blue tanned state by hair pulp unhairing and chrome tanning; no retan wet finishing is performed.

#### b) Specialized definitions. None.

#### c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 425.65 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

#### d) New sources:

- 1) The Board incorporates by reference 40 CFR 425.66 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after July 2, 1979.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.3507 Shearling

- a) Applicability. This Section applies to discharges resulting from any tannery which

processes raw or cured sheep or sheep-like skins with the wool or hair retained into finished leather by chrome tanning and retan-wet finishing.

b) Specialized definitions. None.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 425.75 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 425.76 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after July 2, 1979.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.3508 Pigskin

a) Applicability. This Section applies to discharges resulting from any tannery which processes raw or cured pigskins into finished leather by chemically dissolving or pulping the hair and tanning with chrome, then retan-wet finishing.

b) Specialized definitions. None.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 425.85 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 425.86 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to

a POTW in violation of such standards.

- 3) "New source" means any building, structure, facility or installation the construction of which commenced after July 2, 1979.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.3509 Retan-Wet Finish-Splits

a) Applicability. This Section applies to discharges resulting from any tannery which processes previously unhaird and tanned splits into finished leather by retan-wet finishing.

b) Specialized definitions. None.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 425.95 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 425.96 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after July 2, 1979.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

### SUBPART BA: GLASS MANUFACTURING

#### Section 307.3601 Insulation Fiberglass

a) Applicability. This Section applies to discharges resulting from the production of insulation fiberglass in which molten glass is either directly or indirectly made, continuously fiberized and chemically bonded into a wool-like material.

b) Specialized definitions. The Board incorporates by reference 40 CFR 426.11 (1986). This incorporation includes no later amendments or editions.

c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.



d) New sources:

- 1) The Board incorporates by reference 40 CFR 426.16 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after August 22, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.3602 Sheet Glass Manufacturing

a) Applicability. This Section applies to discharges resulting from the process in which several mineral ingredients (sand, soda ash, limestone, dolomite, cullet and other ingredients) are mixed, melted in a furnace, and drawn vertically from a melting tank to form sheet glass.

b) Specialized definitions. The Board incorporates by reference 40 CFR 426.21 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 426.24 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 426.26 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 17, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.3603 Rolled Glass Manufacturing

a) Applicability. This Section applies to discharges resulting from the process in which several mineral ingredients (sand, soda ash, limestone, dolomite, cullet and other

ingredients) are mixed, melted in a furnace and cooled by rollers to form rolled glass.

b) Specialized definitions. The Board incorporates by reference 40 CFR 426.31 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 426.34 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 426.36 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 17, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.3604 Plate Glass Manufacturing

a) Applicability. This Section applies to discharges resulting from the process in which several mineral ingredients (sand, soda ash, limestone, dolomite, cullet and other ingredients) are melted in a furnace, pressed between rollers and finally ground and polished to form plate glass.

b) Specialized definitions. The Board incorporates by reference 40 CFR 426.41 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 426.44 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 426.45 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment

standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 17, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.3605 Float Glass Manufacturing

a) Applicability. This Section applies to discharges resulting from the process in which several mineral ingredients (sand, soda ash, limestone, dolomite, cullet and other ingredients) are mixed, melted in a furnace and floated on a molten tin bath to produce float glass.

b) Specialized definitions. The Board incorporates by reference 40 CFR 426.51 (1986). This incorporation includes no later amendments or editions.

c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 426.55 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 17, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.3606 Automotive Glass Tempering

a) Applicability. This Section applies to discharges resulting from the processes in which glass is cut and then passed through a series of processes that grind and polish the edges, bend the glass and then temper the glass to produce side and back windows for automobiles.

b) Specialized definitions. The Board incorporates by reference 40 CFR 426.61 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 426.64 (1986). This incorporation includes no later amendments or editions.

- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 426.66 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 17, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.3607 Automotive Glass Laminating

a) Applicability. This Section applies to discharges resulting from the processes which laminate a plastic sheet between two layers of glass, or which prepare the glass for lamination such as cutting, bending and washing, to produce automobile windshields.

b) Specialized definitions. The Board incorporates by reference 40 CFR 426.71 (1986). This incorporation includes no later amendments or editions.

c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 426.76 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 17, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.3608 Glass Container Manufacturing

a) Applicability. This Section applies to discharges resulting from the process by which raw materials are melted in a furnace and mechanically processed into glass containers.

b) Specialized definitions. The Board incorporates by reference 40 CFR 426.81 (1986). This incorporation includes no later amendments or editions.

c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 426.86 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after August 21, 1974.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.3610 Glass Tubing (Danner) Manufacturing

a) Applicability. This Section applies to discharges resulting from the process by which raw materials are melted in a furnace and glass tubing mechanically drawn from the furnace horizontally by means of the Danner process, which requires the intermittent quenching of cullet.

b) Specialized definitions. The Board incorporates by reference 40 CFR 426.101 (1986). This incorporation includes no later amendments or editions.

c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 426.106 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after August 21, 1974.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.3611 Television Picture Tube Envelope Manufacturing

a) Applicability. This Section applies to

discharges resulting from the process by which raw materials are melted in a furnace and processed into television picture tube envelopes.

b) Specialized definitions. The Board incorporates by reference 40 CFR 426.111 (1986). This incorporation includes no later amendments or editions.

c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 426.116 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after August 21, 1974.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.3612 Incandescent Lamp Envelope Manufacturing

a) Applicability. This Section applies to discharges resulting from the processes by which.

- 1) Raw materials are melted in a furnace and mechanically processed into incandescent lamp envelopes; or
- 2) Incandescent lamp envelopes are etched with hydrofluoric acid to produce frosted envelopes.

b) Specialized definitions. The Board incorporates by reference 40 CFR 426.121 (1986). This incorporation includes no later amendments or editions.

c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 426.126 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after August 21, 1974.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.3613 Hand Pressed and Blown Glass Manufacturing

- a) Applicability. This Section applies to discharges resulting from the process by which raw materials are melted in a furnace and processed by hand into pressed or blown glassware. This includes those plants which:
- 1) Produce leaded glass and employ hydrofluoric acid finishing techniques;
  - 2) Produce non-leaded glass and employ hydrofluoric acid finishing techniques; or
  - 3) Produce leaded or non-leaded glass and do not employ hydrofluoric acid finishing techniques.

b) Specialized definitions. The Board incorporates by reference 40 CFR 426.131 (1986). This incorporation includes no later amendments or editions.

c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 426.136 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after August 21, 1974.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### SUBPART BB: ASBESTOS MANUFACTURING

##### Section 307.3701 Asbestos-Cement Pipe

- a) Applicability. This Section applies to discharges resulting from the process in which asbestos, Portland cement, silica and other ingredients are used in the manufacturing of asbestos cement pipe.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 427.11 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 427.14 (1986). This incorporation includes no later amendments or editions.

- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 427.16 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 30, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

##### Section 307.3702 Asbestos-Cement Sheet

a) Applicability. This Section applies to discharges resulting from the process in which asbestos, Portland cement, silica and other ingredients are used in the manufacturing of asbestos-cement sheets. Discharges resulting from manufacture of asbestos-cement sheet laboratory tops are specifically excluded from the provisions of this Section.

b) Specialized definitions. The Board incorporates by reference 40 CFR 427.21 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 427.24 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 427.26 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 30, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.3703 Asbestos Paper (Starch Binder)

- a) Applicability. This Section applies to discharges resulting from the process in which asbestos, starch binders and other ingredients are used in the manufacture of asbestos paper (starch binder).
- b) Specialized definitions. The Board incorporates by reference 40 CFR 427.31 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 427.34 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 427.36 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 30, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.3704 Asbestos Paper (Elastomeric Binder)

- a) Applicability. This Section applies to discharges resulting from the process in which asbestos, elastomeric binder and other ingredients are used in the manufacture of asbestos paper (elastomeric binder).
- b) Specialized definitions. The Board incorporates by reference 40 CFR 427.41 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 427.44 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40

CFR 427.46 (1986). This incorporation includes no later amendments or editions.

- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 30, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.3705 Asbestos Millboard

- a) Applicability. This Section applies to discharges resulting from the process in which asbestos in combination with various other materials such as cement, starch, clay, lime and mineral wool are used in the manufacture of asbestos millboard.

- b) Specialized definitions. The Board incorporates by reference 40 CFR 427.51 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 427.54 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 427.56 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 30, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.3706 Asbestos Roofing

- a) Applicability. This Section applies to discharges resulting from the process in which asbestos paper is saturated with asphalt or coal tar with the subsequent application of various surface treatments to produce asbestos roofing products.

- b) Specialized definitions. The Board

incorporates by reference 40 CFR 427.61 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 427.64 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 427.66 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 30, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.3707 Asbestos Floor Tile

a) Applicability. This Section applies to discharges resulting from the process in which asbestos, polyvinyl chloride resin, chemical stabilizers, limestone and other fillers are used in the manufacture of asbestos floor tile.

b) Specialized definitions. The Board incorporates by reference 40 CFR 427.71 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 427.74 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 427.76 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

3) "New source" means any building, structure, facility or installation the construction of which commenced after October 30, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.3708 Coating or Finishing of Asbestos Textiles

a) Applicability. This Section applies to discharges resulting from the process of coating or impregnating asbestos textiles with materials which impact specific desired qualities to the finished product.

b) Specialized definitions. The Board incorporates by reference 40 CFR 427.81 (1986). This incorporation includes no later amendments or editions.

c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 427.86 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

3) "New source" means any building, structure, facility or installation the construction of which commenced after August 29, 1974.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.3709 Solvent Recovery

a) Applicability. This Section applies to discharges resulting from the process of solvent recovery in the manufacture of asbestos products.

b) Specialized definitions. The Board incorporates by reference 40 CFR 427.91 (1986). This incorporation includes no later amendments or editions.

c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 427.96 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

- 3) "New source" means any building, structure, facility or installation the construction of which commenced after August 29, 1974.

(Source: Added at 12 I11. Reg. 2592, effective January 13, 1988).

#### Section 307.3710 Vapor Absorption

- a) Applicability. This Section applies to discharges resulting from the removal of volatilized organic materials from atmospheric emissions by means of wet scrubbers.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 427.101 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.
- d) New sources:
- 1) The Board incorporates by reference 40 CFR 427.106 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
  - 3) "New source" means any building, structure, facility or installation the construction of which commenced after August 29, 1974.

(Source: Added at 12 I11. Reg. 2592, effective January 13, 1988).

#### Section 307.3711 West Dust Collection

- a) Applicability. This Section applies to discharges resulting from the removal of dust (particulates) from atmospheric emissions by means of wet scrubbers.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 427.111 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.
- d) New sources:
- 1) The Board incorporates by reference 40 CFR 427.116 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

- 3) "New source" means any building, structure, facility or installation the construction of which commenced after August 29, 1974.

(Source: Added at 12 I11. Reg. 2592, effective January 13, 1988).

#### SUBPART BC: RUBBER MANUFACTURING

##### Section 307.3801 Tire and Inner Tube Plants

- a) Applicability. This Section applies to discharges resulting from the production of pneumatic tires and inner tubes in tire and inner tube plants.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 428.11 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.
- d) New sources:
- 1) The Board incorporates by reference 40 CFR 428.16 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
  - 3) "New source" means any building, structure, facility or installation the construction of which commenced after December 18, 1979.

(Source: Added at 12 I11. Reg. 2592, effective January 13, 1988).

##### Section 307.3802 Emulsion Crumb Rubber

- a) Applicability. This Section applies to discharges resulting from the manufacture of emulsion crumb rubber, other than acrylonitrilebutadiene rubber.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 428.21 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.
- d) New sources: All sources are regulated as existing sources.

(Source: Added at 12 I11. Reg. 2592, effective January 13, 1988).

##### Section 307.3803 Solution Crumb Rubber

- a) Applicability. This Section applies to discharges resulting from the manufacture of crumb rubber.

b) Specialized definitions. The Board incorporates by reference 40 CFR 428.31 (1986). This incorporation includes no later amendments or editions.

c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

d) New sources: All sources are regulated as existing sources.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.3804 Latex Rubber

a) Applicability. This Section applies to discharges resulting from the manufacture of latex rubber.

b) Specialized definitions. The Board incorporates by reference 40 CFR 428.41 (1986). This incorporation includes no later amendments or editions.

c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

d) New sources:

1) The Board incorporates by reference 40 CFR 428.46 (1986). This incorporation includes no later amendments or editions.

2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

3) "New source" means any building, structure, facility or installation the construction of which commenced after December 18, 1979.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.3805 Small-Sized General Molded, Extruded and Fabricated Rubber Plants

a) Applicability. This Section applies to discharges resulting from the production of molded, extruded or fabricated rubber products, foam rubber backing, rubber cement-dipped goods or retreaded tires by small-sized plants. Specifically excluded from this Section are discharges resulting from the production of latex-based products, tires and inner tubes, and those discharges from textile plants subject to Subpart K.

b) Specialized definitions. The Board incorporates by reference 40 CFR 428.51 (1986). This incorporation includes no later amendments or editions.

c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

d) New sources:

1) The Board incorporates by reference 40 CFR 428.56 (1986). This incorporation includes no later amendments or editions.

2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

3) "New source" means any building, structure, facility or installation the construction of which commenced after December 18, 1979.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.3806 Medium-Sized General Molded, Extruded and Fabricated Rubber Plants

a) Applicability. This Section applies to discharges resulting from the production of molded, extruded or fabricated rubber products, foam rubber backing, rubber cement dipped goods or retreaded tires by medium sized plants. Specifically excluded from this Section are discharges resulting from the production of latex-based products, tires and inner tubes, and discharges from textile plants subject to the provisions of Subpart K.

b) Specialized definitions. The Board incorporates by reference 40 CFR 428.61 (1986). This incorporation includes no later amendments or editions.

c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

d) New sources:

1) The Board incorporates by reference 40 CFR 428.66 (1986). This incorporation includes no later amendments or editions.

2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

3) "New source" means any building, structure, facility or installation the construction of which commenced after December 18, 1979.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.3807 Large Sized General Molded, Extruded and Fabricated Rubber Plants

a) Applicability. This Section applies to discharges resulting from the production of molded, extruded or fabricated rubber products, foam rubber backing, rubber



cement-dipped goods or retreaded tires by medium-sized plants. Specifically excluded from this Section are discharges resulting from the production of latex-based products, tires and inner tubes, and discharges from textile plants subject to the provisions of Subpart K.

- b) Specialized definitions. The Board incorporates by reference 40 CFR 428.71 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.
- d) New sources:
  - 1) The Board incorporates by reference 40 CFR 428.76 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
  - 3) "New source" means any building, structure, facility or installation the construction of which commenced after December 18, 1979.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.3808 Wet Digestion Reclaimed Rubber

- a) Applicability. This Section applies to discharges resulting from the production of reclaimed rubber by use of the wet digestion process.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 428.81 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.
- d) New sources:
  - 1) The Board incorporates by reference 40 CFR 428.86 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
  - 3) "New source" means any building, structure, facility or installation the construction of which commenced after December 18, 1979.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.3809 Pan, Dry Digestion and Mechanical Reclaimed Rubber

- a) Applicability. This Section applies to discharges resulting from the production of reclaimed rubber except when produced by the wet digestion process.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 428.91 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.
- d) New sources:
  - 1) The Board incorporates by reference 40 CFR 428.96 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
  - 3) "New source" means any building, structure, facility or installation the construction of which commenced after December 18, 1979.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.3810 Latex-Dipped, Latex-Extruded and Latex-Molded Rubber

- a) Applicability. This Section applies to discharges resulting from the manufacture of latex-dipped, latex-extruded or latex-molded products with the exception of discharges from textile plants subject to Subpart K.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 428.101 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.
- d) New sources:
  - 1) The Board incorporates by reference 40 CFR 428.106 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
  - 3) "New source" means any building, structure, facility or installation the construction of which commenced after December 18, 1979.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.3811 Latex Foam

- a) Applicability. This Section applies to discharges resulting from the manufacture of latex foam except for discharge from textile plants subject to Subpart K.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 428.111 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.
- d) New sources:
  - 1) The Board incorporates by reference 40 CFR 428.116 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
  - 3) "New source" means any building, structure, facility or installation the construction of which commenced after December 18, 1979.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

### SUBPART 80: TIMBER PRODUCTS PROCESSING

#### Section 307.3900 General Provisions

- a) Applicability. This Subpart applies to any timber products processing operation, and any plant producing insulation board with wood as the major raw material, which introduces or may introduce process wastewater pollutants into a POTW.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 429.11 (1986). This incorporation includes no later amendments or editions.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.3901 Barking

- a) Applicability. This Section applies to discharges resulting from barking of logs by plants in SIC (Standard Industrial Classification, as defined in 35 Ill. Adm. Code 310.110) major group 24, or from plants producing insulation board (SIC group 2661).
- b) Specialized definitions. None.

#### c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 429.25 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

#### d) New sources:

- 1) The Board incorporates by reference 40 CFR 429.26 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 31, 1979.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.3902 Veneer

- a) Applicability. This Section applies to discharges resulting from any plant which manufactures veneer and does not store or hold raw materials in wet storage conditions.
- b) Specialized definitions. None.
- c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 429.35 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

#### d) New sources:

- 1) The Board incorporates by reference 40 CFR 429.36 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 31, 1979.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.3903 Plywood

a) Applicability. This Section applies to discharges resulting from any plywood production plant that does not store or hold raw materials in wet storage conditions.

b) Specialized definitions. None.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 429.45 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 429.46 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 31, 1979.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.3904 Dry Process Hardboard

a) Applicability. This Section applies to discharges resulting from any plant which produces hardboard products using the dry matting process for forming the board mat.

b) Specialized definitions. None.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 429.55 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 429.56 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 31, 1979.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.3905 Wet Process Hardboard

a) Applicability. This Section applies to discharges resulting from any plant which produces hardboard products using the wet matting process for forming the board mat.

b) Specialized definitions. None.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 429.65 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 429.66 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 31, 1979.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.3906 Wood Preserving-Water Borne or Nonpressure

a) Applicability. This Section applies to discharges resulting from all nonpressure wood preserving treatment processes or all pressure wood preserving treatment processes employing water borne inorganic salts.

b) Specialized definitions. None.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 429.75 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 429.76 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 31, 1979.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.3907 Wood Preserving Steam

a) Applicability. This Section applies to discharges resulting from wood preserving processes that use direct steam impingement on wood as the predominant conditioning method; processes that use the vapor drying process as the predominant conditioning method; direct steam conditioning processes that use the same retort to treat both salt and oil type preservatives; or steam conditioning processes which apply both salt type and oil type preservatives to the same stock.

b) Specialized definitions. None.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 429.85 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 429.86 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 31, 1979.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.3908 Wood Preserving-Boulton

a) Applicability. This Section applies to discharges resulting from wood preserving operations which use the Boulton process as

the predominant method of conditioning stock.

b) Specialized definitions. None.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 429.95 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 429.96 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 31, 1979.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.3909 Wet Storage

a) Applicability. This Section applies to discharges resulting from the storage of unprocessed wood, i.e., the storage of logs or roundwood before or after removal of bark in self-contained bodies of water (mill ponds or log ponds), or the storage of logs or roundwood on land during which water is sprayed or deposited intentionally on the log (wet decking).

b) Specialized definitions. None.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 429.105 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 429.106 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 31, 1979.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.3910 Log Washing

a) Applicability. This Section applies to discharges resulting from log washing process in which water under pressure is applied to logs for the purpose of removing foreign material from the surface of the log before further processing.

b) Specialized definitions. None.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 429.115 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 429.116 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 31, 1979.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.3911 Sawmills and Planing Mills

a) Applicability. This Section applies to discharges resulting from the timber products processing procedures that include all or part of the following operations: bark removal (other than hydraulic barking as defined in Section 307.3901), sawing, resawing, edging, trimming, planing and machining.

b) Specialized definitions. None.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 429.125 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or

allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 429.126 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 31, 1979.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.3912 Finishing

a) Applicability. This Section applies to discharges resulting from the drying, planing, dipping, staining, end coating, moisture proofing, fabrication or by-product utilization timber processing operations not otherwise covered by specific guideline and standards.

b) Specialized definitions. None.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 429.135 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 429.136 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 31, 1979.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.3913 Particleboard Manufacturing

a) Applicability. This Section applies to discharges resulting from any plant which manufactures particleboard.

b) Specialized definitions. None.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 429.145 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 429.146 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 31, 1979.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.3914 Insulation Board

a) Applicability. This Section applies to discharges resulting from plants which produce insulation board using wood as the primary raw material. Specifically excluded from this Section is the manufacture of insulation board from the primary raw material bagasse.

b) Specialized definitions. None.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 429.155 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 429.156 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 31, 1979.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.3915 Wood Furniture and Fixture Production Without Water Wash Spray Booth(s) or Without Laundry Facilities

a) Applicability. This Section applies to discharges resulting from the manufacture of wood furniture and fixtures at establishments that:

- 1) Do not utilize water wash spray booths to collect and contain the overspray from spray application of finishing materials; and
- 2) Do not maintain on-site laundry facilities for fabric utilized in various finishing operations.

b) Specialized definitions. None.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 429.165 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 429.166 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 31, 1979.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.3916 Wood Furniture and Fixture Production with Water Wash Spray Booth(s) or With Laundry Facilities

a) Applicability. This Section applies to discharges resulting from the manufacture of wood furniture and fixtures at establishments that either:

- 1) Utilize water wash spray booths to collect and contain the overspray from spray application of finishing materials; or
- 2) Utilize on-site laundry facilities for fabric utilized in various finishing

operations.

b) Specialized definitions. None.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 429.175 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 429.176 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 31, 1979.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### SUBPART BE: PULP, PAPER AND PAPERBOARD

##### Section 307.4000 General Provisions

- a) Applicability. This Subpart applies to any pulp, paper or paperboard mill which introduces or may introduce process wastewater pollutants into a POTW.
- b) General definitions. The Board incorporates by reference 40 CFR 430.01 (1986). This incorporation includes no later amendments or editions.

(Source: Added at 12 Ill. Reg. 2591, effective January 13, 1988)

##### Section 307.4001 Unbleached Kraft

- a) Applicability. This Section applies to discharges resulting from the production of pulp and paper at unbleached kraft mills.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 430.11 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 430.16 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in

subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 430.17 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after January 6, 1981.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

##### Section 307.4002 Semi-Chemical

- a) Applicability. This Section applies to discharges resulting from the integrated production of pulp and paper at the semi-chemical mills.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 430.21 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 430.26 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 430.27 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after January 6, 1981.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

##### Section 307.4004 Unbleached Kraft-Neutral Sulfite Semi-Chemical (Cross Recovery)

- a) Applicability. This Section applies to

discharges resulting from the production of pulp and paper at unbleached kraft-neutral sulfite semi-chemical (cross recovery) mills.

- b) Specialized definitions. The Board incorporates by reference 40 CFR 430.31 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 430.46 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 430.47 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after January 6, 1981.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.4005 Paperboard From Wastepaper

- a) Applicability. This Section applies to discharges resulting from the production of paperboard from wastepaper.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 430.51 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 430.56 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 430.57 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to

a POTW in violation of such standards.

- 3) "New source" means any building, structure, facility or installation the construction of which commenced after January 6, 1981.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.4006 Dissolving Kraft

- a) Applicability. This Section applies to discharges resulting from the production of dissolving pulp at kraft mills.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 430.61 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 430.66 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 430.67 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after January 6, 1981.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.4007 Market Bleached Kraft

- a) Applicability. This Section applies to discharges resulting from the production of market pulp at bleached kraft mills.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 430.71 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 430.76 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or



allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 430.77 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after January 6, 1981.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.4008 BCT Bleached Kraft

- a) Applicability. This Section applies to discharges resulting from the integrated production of paperboard, coarse paper or tissue paper at bleached kraft mills.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 430.81 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 430.86 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 430.87 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after January 6, 1981.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.4009 Fine Bleached Kraft

- a) Applicability. This Section applies to discharges resulting from the integrated production of pulp or fine papers at bleached kraft mills.

- b) Specialized definitions. The Board incorporates by reference 40 CFR 430.91 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 430.96 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 430.97 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after January 6, 1981.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.4010 Papergrade Sulfite (Blow Pit Wash)

- a) Applicability. This Section applies to discharges resulting from the integrated production of pulp and paper at papergrade sulfite mills, where blow pit pulp washing techniques are used.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 430.101 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 430.106 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 430.107 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

- 3) "New source" means any building, structure, facility or installation the construction of which commenced after January 6, 1981.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.4011 Dissolving Sulfite Pulp

- a) Applicability. This Section applies to discharges resulting from the production of pulp at dissolving sulfite mills.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 430.111 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 430.116 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 430.117 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after January 6, 1981.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.4012 Groundwood Chemi Mechanical

- a) Applicability. This Section applies to discharges resulting from the production of pulp and paper at groundwood chemi-mechanical mills.

- b) Specialized definitions. The Board incorporates by reference 40 CFR 430.121 (1986). This incorporation includes no later amendments or editions.

- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

- d) New sources: All sources are regulated as existing sources.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.4013 Groundwood-Thermo-Mechanical

- a) Applicability. This Section applies to discharges resulting from the production of pulp and paper at groundwood mills through the application of the thermo-mechanical process.

- b) Specialized definitions. The Board incorporates by reference 40 CFR 430.131 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 430.136 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 430.137 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after January 6, 1981.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.4014 Groundwood-CHM Papers

- a) Applicability. This Section applies to discharges resulting from the integrated productions of pulp and coarse paper, molded pulp products and newsprint at groundwood mills.

- b) Specialized definitions. The Board incorporates by reference 40 CFR 430.141 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 430.146 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 430.147 (1986). This incorporation

includes no later amendments or editions.

- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after January 6, 1981.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.4015 Groundwood-Fine Papers

- a) Applicability. This Section applies to discharges resulting from the integrated production of pulp and fine paper at groundwood mills.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 430.151 (1986). This incorporation includes no later amendments or editions.

#### c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 430.156 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

#### d) New sources:

- 1) The Board incorporates by reference 40 CFR 430.157 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after January 6, 1981.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.4016 Soda

- a) Applicability. This Section applies to discharges resulting from the integrated production of pulp and paper at soda mills.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 430.161 (1986). This incorporation includes no later amendments or editions.

#### c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 430.166 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

#### d) New sources:

- 1) The Board incorporates by reference 40 CFR 430.167 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after January 6, 1981.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.4017 Deink

- a) Applicability. This Section applies to discharges resulting from the integrated production of pulp and paper at deink mills.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 430.171 (1986). This incorporation includes no later amendments or editions.

#### c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 430.176 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

#### d) New sources:

- 1) The Board incorporates by reference 40 CFR 430.177 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after January 6, 1981.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

**Section 307.4018 Nonintegrated-Fine Papers**

- a) **Applicability.** This Section applies to discharges resulting from the production of fine paper at nonintegrated mills.
- b) **Specialized definitions.** The Board incorporates by reference 40 CFR 430.181 (1986). This incorporation includes no later amendments or editions.

c) **Existing sources:**

- 1) The Board incorporates by reference 40 CFR 430.186 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) **New sources:**

- 1) The Board incorporates by reference 40 CFR 430.187 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after January 6, 1981.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

**Section 307.4019 Nonintegrated-Tissue Papers**

- a) **Applicability.** This Section applies to discharges resulting from the production of tissue papers at non integrated mills.
- b) **Specialized definitions.** The Board incorporates by reference 40 CFR 430.191 (1986). This incorporation includes no later amendments or editions.

c) **Existing sources:**

- 1) The Board incorporates by reference 40 CFR 430.196 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) **New sources:**

- 1) The Board incorporates by reference 40 CFR 430.197 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in

subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

- 3) "New source" means any building, structure, facility or installation the construction of which commenced after January 6, 1981.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

**Section 307.4020 Tissue From Wastepaper**

- a) **Applicability.** This Section applies to discharges resulting from the production of tissue paper from wastepaper without deinking at secondary fiber mills.

- b) **Specialized definitions.** The Board incorporates by reference 40 CFR 430.201 (1986). This incorporation includes no later amendments or editions.

c) **Existing sources:**

- 1) The Board incorporates by reference 40 CFR 430.206 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) **New sources:**

- 1) The Board incorporates by reference 40 CFR 430.207 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after January 6, 1981.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

**Section 307.4021 Papergrade Sulfite (Drum Wash)**

- a) **Applicability.** This Section applies to discharges resulting from the integrated production of pulp and paper at papergrade sulfite mills, where vacuum or pressure drums are used to wash pulp.

- b) **Specialized definitions.** The Board incorporates by reference 40 CFR 430.211 (1986). This incorporation includes no later amendments or editions.

c) **Existing sources:**

- 1) The Board incorporates by reference 40 CFR 430.216 (1986). This incorporation

includes no later amendments or editions.

- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 430.217 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after January 6, 1981.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.4022 Unbleached Kraft and Semi-Chemical

- a) Applicability. This Section applies to discharges resulting from the production of pulp and paper at combined unbleached kraft and semi-chemical mills, in which the spent semi-chemical cooking liquor is burned within the unbleached kraft chemical recovery system.

- b) Specialized definitions. The Board incorporates by reference 40 CFR 430.221 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 430.226 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 430.227 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after January 6, 1981.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.4023 Wastepaper-Molded Products

- a) Applicability. This Section applies to discharges resulting from the production of molded products from wastepaper without deinking at secondary fiber mills.

- b) Specialized definitions. The Board incorporates by reference 40 CFR 430.231 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 430.236 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 430.237 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after January 6, 1981.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.4024 Nonintegrated-Lightweight Papers

- a) Applicability. This Section applies to discharges resulting from the production of lightweight paper at nonintegrated mills.

- b) Specialized definitions. The Board incorporates by reference 40 CFR 430.241 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 430.246 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 430.247 (1986). This incorporation includes no later amendments or editions.

- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after January 6, 1981.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.4025 Nonintegrated Filter and Nonwoven Papers

- a) Applicability. This Section applies to discharges resulting from the production of filter and nonwoven papers at nonintegrated mills.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 430.251 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 430.256 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

#### d) New sources:

- 1) The Board incorporates by reference 40 CFR 430.257 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after January 6, 1981.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.4026 Nonintegrated Paperboard

- a) Applicability. This Section applies to discharges resulting from the production of paperboard at nonintegrated mills. The production of electrical grades of board and matrix board is not included in this Section.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 430.261 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 430.266 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

#### d) New sources:

- 1) The Board incorporates by reference 40 CFR 430.267 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after January 6, 1981.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### SUBPART BF: BUILDERS' PAPER AND BOARD MILLS

#### Section 307.4101 Builder's Paper and Roofing Felt

- a) Applicability. This Section applies to discharges resulting from the production of builders' paper and roofing felt from wastepaper.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 431.11 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 431.16 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

#### d) New sources:

- 1) The Board incorporates by reference 40 CFR 431.17 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after

construction of which commenced after January 6, 1981.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### SUBPART BG: MEAT PRODUCTS

##### Section 307.4201 Simple Slaughterhouse

- a) Applicability. This Section applies to discharges resulting from the production of red meat carcasses, in whole or part, by simple slaughterhouses.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 432.11 (1986). This incorporation includes no later amendments or editions.

##### c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 432.14 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

##### d) New sources:

- 1) The Board incorporates by reference 40 CFR 432.16 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 29, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

##### Section 307.4202 Complex Slaughterhouse

- a) Applicability. This Section applies to discharges resulting from the production of red meat carcasses, in whole or part, by complex slaughterhouses.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 432.21 (1986). This incorporation includes no later amendments or editions.

##### c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 432.24 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or

allow the discharge of any contaminant to a POTW in violation of such standards.

##### d) New sources:

- 1) The Board incorporates by reference 40 CFR 432.26 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 29, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

##### Section 307.4203 Low-Processing Packinghouse

- a) Applicability. This Section applies to discharges resulting from the production of red meat carcasses in whole or part, by low-processing packinghouses.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 432.31 (1986). This incorporation includes no later amendments or editions.

##### c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 432.34 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

##### d) New sources:

- 1) The Board incorporates by reference 40 CFR 432.36 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 29, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

##### Section 307.4204 High-Processing Packinghouses

- a) Applicability. This Section applies to discharges resulting from the production of red meat carcasses, in whole or part, by high-processing packinghouses.

b) Specialized definitions. The Board incorporates by reference 40 CFR 432.41 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 432.44 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 432.46 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after October 29, 1973.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.4205 Small Processor

a) Applicability. This Section applies to discharges resulting from the production of finished meat products such as fresh meat cuts, smoked products, canned products, hams, sausages, luncheon meats or similar products by a small processor.

b) Specialized definitions. The Board incorporates by reference 40 CFR 432.51 (1986). This incorporation includes no later amendments or editions.

c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 432.56 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after August 28, 1974.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.4206 Meat Cutter

a) Applicability. This Section applies to discharges resulting from the fabrication or manufacture of fresh meat cuts such as steaks, roasts, chops, etc. by a meat cutter.

b) Specialized definitions. The Board incorporates by reference 40 CFR 432.61 (1986). This incorporation includes no later amendments or editions.

c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 432.66 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after August 28, 1974.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.4207 Sausage and Luncheon Meats Processor

a) Applicability. This Section applies to discharges resulting from the manufacture of fresh meat cuts, sausage, bologna and other luncheon meats by a sausage and luncheon meat processor.

b) Specialized definitions. The Board incorporates by reference 40 CFR 432.71 (1986). This incorporation includes no later amendments or editions.

c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 432.76 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after August 28, 1974.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).



Section 307.4208 Ham Processor

- a) Applicability. This Section applies to discharges resulting from the manufacture of hams alone or in combination with other finished products by a ham processor.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 432.81 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.
- d) New sources:
  - 1) The Board incorporates by reference 40 CFR 432.86 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
  - 3) "New source" means any building, structure, facility or installation the construction of which commenced after August 28, 1974.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.4209 Canned Meats Processor

- a) Applicability. This Section applies to discharges resulting from the manufacturer of canned meats, alone or in combination with any other finished products, by a canned meats processor.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 432.91 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.
- d) New sources:
  - 1) The Board incorporates by reference 40 CFR 432.96 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
  - 3) "New source" means any building, structure, facility or installation the construction of which commenced after August 28, 1974.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.4210 Renderer

- a) Applicability. This Section applies to discharges resulting from the manufacture of meat meal, dried animal by-product residues (tankage), animal oils, grease and tallow, perhaps including hide curing, by a renderer.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 432.101 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.
- d) New sources:
  - 1) The Board incorporates by reference 40 CFR 432.106 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
  - 3) "New source" means any building, structure, facility or installation the construction of which commenced after August 28, 1974.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

SUBPART BH: METAL FINISHING

Section 307.4300 General Provisions

- a) Applicability. Except as provided in subsections (a)(3) or (a)(4), this Subpart applies to discharges resulting from plants which perform on any basis material any of the six metal finishing operations listed in subsection (a)(1). If any of those six operations are present, then this Subpart applies also to discharges from the forty process operations specified in subsection (a)(2).
  - 1) Six metal finishing operations: Electroplating, electrolessplating, anodizing, coating (chromating, phosphating and coloring), chemical etching and milling and printed circuit board manufacture.
  - 2) Forty additional process operations: Cleaning, machining, grinding, polishing, tumbling, burnishing, impact deformation, pressure deformation, shearing, heat treating, thermal cutting, welding, brazing, soldering, flame spraying, sand blasting, other abrasive jet machining, electric discharge machining, electrochemical machining, electron beam machining, laser beam machining, plasma arc machining, ultrasonic machining, sintering, laminating, hot dip coating, sputtering, vapor plating, thermal infusion, salt bath descaling, solvent

degreasing, paint stripping, painting, electrostatic painting, electropainting, vacuum metalizing, assembly, calibration, testing and mechanical plating.

- 3) Exclusions: This Subpart does not apply if there are pretreatment standards which are effective and applicable for the following industrial categories:

- A) Nonferrous metal smelting and refining (Subpart V);
- B) Coil coating (Subpart CM);
- C) Procelain enameling (Subpart CC);
- D) Battery manufacturing (Subpart CJ);
- E) Iron and steel (Subpart U);
- F) Metal casting foundries (Subpart CM);
- G) Aluminum forming (Subpart CP);
- H) Copper forming (Subpart CQ);
- I) Plastic molding and forming (Subpart CL);
- J) Nonferrous forming (Subpart CT); and
- K) Electrical and electronic components (Subpart CR).

- 4) This Subpart does not apply to:

- A) Metallic platemaking and gravure cylinder preparation conducted within or for printing and publishing facilities; and
- B) Existing indirect discharging job shops and independent printed circuit board manufacturers which are covered by Subpart N.

- b) General definitions. The Board incorporates by reference 40 CFR 433.11 (1986), as amended at 51 Fed. Reg. 40421, November 7, 1987. This incorporation includes no later amendments or editions.

- c) Monitoring requirements. The Board incorporates by reference 40 CFR 433.12 (1986). This incorporation includes no later amendments or editions.

#### Section 307.4301 Metal Finishing

- a) Existing sources:

- 1) The Board incorporates by reference 40 CFR 433.15 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

- b) New sources:

- 1) The Board incorporates by reference 40 CFR 433.17 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after August 31, 1982.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### SUBPART BN: PHARMACEUTICAL MANUFACTURING

##### Section 307.4900 General Provisions

- a) Applicability. This Subpart applies to any pharmaceutical manufacturing facility which introduces or may introduce process wastewater pollutants into a POTW.
- b) General definitions. The Board incorporates by reference 40 CFR 439.1 (1986). This incorporation includes no later amendments or editions.
- c) Monitoring requirements. The Board incorporates by reference 40 CFR 439.2 (1986). This incorporation includes no later amendments or editions.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988)

##### Section 307.4901 Fermentation Products

- a) Applicability. This Section applies to discharges resulting from the manufacture of pharmaceuticals by fermentation.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 439.11 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 439.16 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

- d) New sources:

- 1) The Board incorporates by reference 40 CFR 439.17 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in

subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

- 3) "New source" means any building, structure, facility or installation the construction of which commenced after November 26, 1982.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.4902 Extraction Products

- a) Applicability. This Section applies to discharges resulting from the manufacture of pharmaceuticals by extraction.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 439.21 (1986). This incorporation includes no later amendments or editions.

##### c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 439.26 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

##### d) New sources:

- 1) The Board incorporates by reference 40 CFR 439.27 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after November 26, 1982.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.4903 Chemical Synthesis Products

- a) Applicability. This Section applies to discharges resulting from the manufacture of pharmaceuticals by chemical synthesis.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 439.31 (1986). This incorporation includes no later amendments or editions.

##### c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 439.36 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment

standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

##### d) New sources:

- 1) The Board incorporates by reference 40 CFR 439.37 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after November 26, 1982.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.4904 Mixing/Compounding and Formulation

- a) Applicability. This Section applies to discharges resulting from mixing/compounding and formulation operations of pharmaceutical products.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 439.41 (1986). This incorporation includes no later amendments or editions.

##### c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 439.46 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

##### d) New sources:

- 1) The Board incorporates by reference 40 CFR 439.47 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after November 26, 1982.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.4905 Research

- a) Applicability. This Section applies to

discharges resulting from pharmaceutical research.

construction of which commenced after January 10, 1975.

b) Specialized definitions. The Board incorporates by reference 40 CFR 439.51 (1986). This incorporation includes no later amendments or editions.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 439.56 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 439.57 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after November 26, 1982.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### SUBPART BR: PAVING AND ROOFING MATERIALS (TARS AND ASPHALT)

##### Section 307.5301 Asphalt Emulsion

a) Applicability. This Section applies to discharges resulting from the production of asphalt paving and roofing emulsions.

b) Specialized definitions. The Board incorporates by reference 40 CFR 443.11 (1986). This incorporation includes no later amendments or editions.

c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 443.16 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the

##### Section 307.5302 Asphalt Concrete

a) Applicability. This Section applies to discharges resulting from the production of asphalt concrete.

b) Specialized definitions. The Board incorporates by reference 40 CFR 443.21 (1986). This incorporation includes no later amendments or editions.

c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 443.26 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after January 10, 1975.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

##### Section 307.5303 Asphalt Roofing

a) Applicability. This Section applies to discharges resulting from the production of asphalt roofing materials.

b) Specialized definitions. The Board incorporates by reference 40 CFR 443.31 (1986). This incorporation includes no later amendments or editions.

c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 443.36 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after January 10, 1975.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

**Section 307.5304 Linoleum and Printed Asphalt Felt**

- a) Applicability. This Section applies to discharges resulting from the production of linoleum and printed asphalt felt floor coverings.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 443.41 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.
- d) New sources:
  - 1) The Board incorporates by reference 40 CFR 443.46 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
  - 3) "New source" means any building, structure, facility or installation the construction of which commenced after January 10, 1975.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

**SUBPART BU: PAINT FORMULATING**

**Section 307.5601 Oil-Base Solvent Wash Paint**

- a) Applicability. This Section applies to discharges resulting from the production of oil-base paint where the tank cleaning is performed using solvents.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 446.11 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.
- d) New sources:
  - 1) The Board incorporates by reference 40 CFR 446.16 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
  - 3) "New source" means any building, structure, facility or installation the

construction of which commenced after February 26, 1975.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

**SUBPART BV: INK FORMULATING**

**Section 307.5701 Oil-Base Solvent Wash Ink**

- a) Applicability. This Section applies to discharges resulting from the production of oil base ink where the tank washing system uses solvents.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 447.11 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.
- d) New sources:
  - 1) The Board incorporates by reference 40 CFR 447.16 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
  - 3) "New source" means any building, structure, facility or installation the construction of which commenced after February 26, 1975.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

**SUBPART CD: PESTICIDE CHEMICALS**

**Section 307.6500 General Provisions**

General definitions. The Board incorporates by reference 40 CFR 455.10 (1986), as amended at 51 Fed. Reg. 44911, December 15, 1986. This incorporation includes no later amendments or editions.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988)

**Section 307.6501 Organic Pesticide Chemicals Manufacturing**

- a) Applicability.
  - 1) The Board incorporates by reference 40 CFR 455.20 (1986), as amended at 51 Fed. Reg. 44911, December 15, 1986. This incorporation includes no later amendments or editions.
  - 2) This Section applies to discharges resulting from any plant which

manufactures organic pesticide chemicals, as defined in the materials incorporated by reference in subsection (a)(1).

- b) Specialized definitions. The Board incorporates by reference 40 CFR 455.21 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.
- d) New sources: All sources are regulated as existing sources.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.6502 Metallo-Organic Pesticides Chemicals Manufacturing

- a) Applicability. This Section applies to discharges resulting from the manufacture of metallo-organic active ingredients containing mercury, cadmium, arsenic or copper. The manufacture of the intermediates used to manufacture the active ingredients are excluded from this Section.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 455.31 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.
- d) New sources: All sources are regulated as existing sources.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.6503 Pesticide Chemicals Formulating and Packaging

- a) Applicability. This Section applies to discharges resulting from all pesticide formulating and packaging operations.
- b) Specialized definitions. None.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.
- d) New sources: All sources are regulated as existing sources.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

### SUBPART CG: CARBON BLACK MANUFACTURING

#### Section 307.6801 Carbon Black Furnace Process

- a) Applicability. This Section applies to discharges resulting from production of carbon black by the furnace process.

b) Specialized definitions. The Board incorporates by reference 40 CFR 458.11 (1986). This incorporation includes no later amendments or editions.

c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 458.16 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after May 18, 1976.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.6802 Carbon Black Thermal Process

- a) Applicability. This Section applies to discharges resulting from the production of carbon black by the thermal process.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 458.21 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.
- d) New sources:

- 1) The Board incorporates by reference 40 CFR 458.26 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after May 18, 1976.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.6803 Carbon Black Channel Process

- a) Applicability. This Section applies to discharges resulting from the production of carbon black by the channel process.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 458.31 (1986). This incorporation includes no later

amendments or editions.

c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 458.36 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after May 18, 1976.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.6804 Carbon Black Lamp Process

a) Applicability. This Section applies to discharges resulting from the production of carbon black by the lamp process.

b) Specialized definitions. The Board incorporates by reference 40 CFR 458.40 (1986). This incorporation includes no later amendments or editions.

c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 458.46 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after May 18, 1976.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

### SUBPART CJ: BATTERY MANUFACTURING

#### Section 307.7100 General Provisions

a) Applicability. This Subpart applies to any battery manufacturing plant which introduces or may introduce process wastewater pollutants into a POTW. Battery manufacturing operations regulated under this Subpart are not subject to Subparts M or AH.

b) General definitions. The Board incorporates by reference 40 CFR 461.2 (1986). This incorporation includes no later amendments or editions.

c) Monitoring requirements. The Board incorporates by reference 40 CFR 461.3 (1986). This incorporation includes no later amendments or editions.

d) Compliance dates. The Board incorporates by reference 40 CFR 461.4 (1986). This incorporation includes no later amendments or editions.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.7101 Cadmium

a) Applicability. This Section applies to discharges resulting from manufacturing of cadmium anode batteries.

b) Specialized definitions. None.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 461.14 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 461.15 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after November 10, 1982.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.7102 Calcium

a) Applicability. This Section applies to discharges resulting from manufacturing calcium anode batteries.

b) Specialized definitions. None.

c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

d) New sources:

- 1) The Board incorporates by reference 40

CFR 461.25 (1986). This incorporation includes no later amendments or editions.

- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after November 10, 1982.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.7103 Lead

a) Applicability. This Section applies to discharges resulting from the manufacturing of lead anode batteries.

b) Specialized definitions. None.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 461.34 (1986), as amended at 51 Fed. Reg. 30816, August 28, 1986. This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 461.35 (1986), as amended at 51 Fed. Reg. 30816, August 28, 1986. This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after November 10, 1982.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.7104 Leclanche

a) Applicability. This Section applies to discharges resulting from manufacturing Leclanche type batteries (zinc anode batteries with acid electrolyte).

b) Specialized definitions. None.

c) Existing sources:

- 1) The Board incorporates by reference 40

CFR 461.44 (1986). This incorporation includes no later amendments or editions.

- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 461.45 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after November 10, 1982.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.7105 Lithium

a) Applicability. This Section applies to discharges resulting from the manufacturing of lithium anode batteries.

b) Specialized definitions. None.

c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 461.55 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after November 10, 1982.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.7106 Magnesium

a) Applicability. This Section applies to discharges resulting from the manufacturing of magnesium anode batteries.

b) Specialized definitions. None.



c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 461.64 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 461.65 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after November 10, 1982.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.7107 Zinc

a) Applicability. This Section applies to discharges resulting from the manufacturing of zinc anode batteries.

b) Specialized definitions. None.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 461.74 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 461.75 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after November 10, 1982.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

SUBPART CL: PLASTICS MOLDING AND FORMING

Section 307.7300 General Provisions

a) Applicability

- 1) This Subpart applies to any plastics molding and forming process which introduces or may introduce process wastewater pollutants into a POTW. Plastics molding and forming processes include processes which blend, mold, form or otherwise process plastic materials into intermediate or final plastic products. They include commonly recognized processes such as extrusion, molding, coating and laminating, thermoforming, calendaring, casting, foaming cleaning and finishing.
- 2) Plastics molding and forming processes (e.g., extrusion and pelletizing) used by plastics resin manufacturers to process crude intermediate plastic material for shipment off-site are excluded from this regulation and regulated under the organic chemicals, plastics and synthetic fibers category. Plastics molding and forming processes used by plastic resin manufacturers to process crude intermediate plastic materials, which are further processed on-site into intermediate or final plastics products in molding and forming processes, are controlled by this Subpart.
- 3) Processes that coat a plastic material onto a substrate may fall within the definition of electroplating and metal finished as defined in Subparts M or AH. These coating processes are excluded from the electroplating and metal finishing point source categories and are subject to this Subpart.
- 4) Coating of plastic material onto a formed metal substrate is also covered by this Subpart and is not covered by the specific metal forming guidelines such as aluminum forming, copper forming and nonferrous metals forming (Subparts BP, BQ, and BT). This Subpart applies only to the coating process; the metal forming operations are subject to the specific metal forming regulation.
- 5) Research and development laboratories that produce plastic products using a plastics molding and forming process are subject to this Subpart if the plastics molding and forming process discharges process water. The mass of plastic product produced in the plastics molding and forming process is not considered when determining the applicability of this Subpart to plastics molding and forming processes at research and development laboratories.
- 6) Chemical and thermal reticulation processes for polyurethane foam are not subject to this Subpart. Water used in those processes is not considered to be

process water as defined in this regulation. Processes used to further mold or form the reticulated foam are subject, however, to this regulation if they discharge process water.

- 7) Processes used to regenerate cellulose and to produce a product (e.g., rayon) from the regenerated cellulose are not subject to the limitations and standards in this Subpart. Processes that mold or form cellulose derivatives (e.g., cellulose acetate) are subject to this Subpart if they discharge process water.
- b) General definitions. The Board incorporates by reference 40 CFR 463.2 (1986). This incorporation includes no later amendments or editions.
- c) Monitoring requirements. The Board incorporates by reference 40 CFR 463.3 (1986). This incorporation includes no later amendments or editions.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988)

#### Section 307.7301 Contact Cooling and Heating Water

- a) Applicability. This Section applies to introduction into POTWs of pollutants resulting from processes in the contact cooling and heating water subcategory. Processes in the contact cooling and heating water subcategory are processes where process water comes in contact with plastic materials or plastic products for the purpose of heat transfer during plastics molding and forming.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 463.11 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources:
  - 1) The Board incorporates by reference 40 CFR 463.15 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

#### d) New sources:

- 1) The Board incorporates by reference 40 CFR 463.16 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after February 15, 1984.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.7302 Cleaning Water

- a) Applicability. This Section applies to introduction into POTWs of pollutants resulting from processes in the cleaning water subcategory. Processes in the cleaning water subcategory are processes where water comes in contact with the plastic product for the purpose of cleaning the surface of the product and where water comes in contact with shaping equipment, such as molds and mandrels, that contact the plastic material for the purpose of cleaning the equipment surfaces.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 463.21 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 463.25 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

#### d) New sources:

- 1) The Board incorporates by reference 40 CFR 463.26 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after February 15, 1984.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.7303 Finishing Water

- a) Applicability. This Section applies to introduction into POTWs of pollutants resulting from processes in the finishing water subcategory. Processes in the finishing water subcategory are processes where water comes in contact with the plastic product during finishing.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 463.31 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources:

- 1) The Board incorporates by reference 40

CFR 463.35 (1986). This incorporation includes no later amendments or editions.

- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 463.36 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after February 15, 1984.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

SUBPART CM: METAL MOLDING AND CASTING

Section 307.7400 General Provisions

- a) Applicability. This Subpart applies to metal molding and casting facilities which introduce or may introduce process wastewater pollutants into a POTW.
- b) General definitions. The Board incorporates by reference 40 CFR 464.02 (1986). This incorporation includes no later amendments or editions.
- c) Monitoring requirements. The Board incorporates by reference 40 CFR 464.03 (1986). This incorporation includes no later amendments or editions.
- d) Compliance dates. The Board incorporates by reference 40 CFR 464.04 (1986). This incorporation includes no later amendments or editions.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988)

Section 307.7401 Aluminum Casting

- a) Applicability. This Section applies to discharges resulting from aluminum casting operations, as defined in 40 CFR 464.02.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 464.11 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 464.15 (1986). This incorporation includes no later amendments or editions.

- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 464.16 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after November 15, 1982.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.7402 Copper Casting

- a) Applicability. This Section applies to discharges resulting from copper casting operations.
  - b) Specialized definitions. The Board incorporates by reference 40 CFR 464.21 (1986). This incorporation includes no later amendments or editions.
  - c) Existing sources:
- 1) The Board incorporates by reference 40 CFR 464.25 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 464.26 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after November 15, 1982.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.7403 Ferrous Casting

- a) Applicability. This Section applies to discharges resulting from ferrous casting operations.

b) Specialized definitions. The Board incorporates by reference 40 CFR 464.31 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

1) The Board incorporates by reference 40 CFR 464.35 (1986). This incorporation includes no later amendments or editions.

2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

1) The Board incorporates by reference 40 CFR 464.36 (1986). This incorporation includes no later amendments or editions.

2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

3) "New source" means any building, structure, facility or installation the construction of which commenced after November 15, 1982.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.7404 Zinc Casting

a) Applicability. This Section applies to discharges resulting from zinc casting operations.

b) Specialized definitions. The Board incorporates by reference 40 CFR 464.41 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

1) The Board incorporates by reference 40 CFR 464.45 (1986). This incorporation includes no later amendments or editions.

2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

1) The Board incorporates by reference 40 CFR 464.46 (1986). This incorporation includes no later amendments or editions.

2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

3) "New source" means any building, structure, facility or installation the construction of which commenced after November 15, 1982.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### SUBPART CN: COIL COATING

##### Section 307.7500 General Provisions

a) Applicability. This Subpart applies to any coil coating facility or to any canmaking facility which introduces or may introduce process wastewater pollutants into a POTW.

b) General definitions. The Board incorporates by reference 40 CFR 465.02 (1986). This incorporation includes no later amendments or editions.

c) Monitoring requirements. The Board incorporates by reference 40 CFR 465.03 (1986). This incorporation includes no later amendments or editions.

d) Compliance dates. The Board incorporates by reference 40 CFR 465.04 (1986). This incorporation includes no later amendments or editions.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988)

##### Section 307.7501 Steel Basis Material

a) Applicability. This Section applies to discharges resulting from coil coating of steel basis material coils.

b) Specialized definitions. None.

c) Existing sources:

1) The Board incorporates by reference 40 CFR 465.14 (1986). This incorporation includes no later amendments or editions.

2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

1) The Board incorporates by reference 40 CFR 465.15 (1986). This incorporation includes no later amendments or editions.

2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

3) "New source" means any building, structure, facility or installation the construction of which commenced after January 12, 1981.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.7502 Galvanized Basis Material

- a) Applicability. This Section applies to discharges resulting from coil coating of galvanized basis material coils.
- b) Specialized definitions. None.
- c) Existing sources:
  - 1) The Board incorporates by reference 40 CFR 465.24 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- d) New sources:
  - 1) The Board incorporates by reference 40 CFR 465.25 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
  - 3) "New source" means any building, structure, facility or installation the construction of which commenced after January 12, 1981.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.7503 Aluminum Basis Material

- a) Applicability. This Section applies to discharges resulting from coil coating of aluminum basis material coils.
- b) Specialized definitions. None.
- c) Existing sources:
  - 1) The Board incorporates by reference 40 CFR 465.34 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- d) New sources:
  - 1) The Board incorporates by reference 40 CFR 465.35 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to

a POTW in violation of such standards.

- 3) "New source" means any building, structure, facility or installation the construction of which commenced after January 12, 1981.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.7504 Canmaking

- a) Applicability. This Section applies to discharges resulting from the manufacturing of seamless can bodies, which are washed.
- b) Specialized definitions. None.
- c) Existing sources:
  - 1) The Board incorporates by reference 40 CFR 465.44 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- d) New sources:
  - 1) The Board incorporates by reference 40 CFR 465.45 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
  - 3) "New source" means any building, structure, facility or installation the construction of which commenced after February 10, 1983.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### SUBPART C0: PORCELAIN ENAMELING

##### Section 307.7600 General Provisions

- a) Applicability.
  - 1) Except as provided in subsections (a)(2) or (a)(3), this Subpart applies to any porcelain enameling facility which introduce or may introduce process wastewater pollutants into a POTW.
  - 2) Any existing porcelain enameling facility which prepares or coats less than 1600 square meters per day and which introduces less than 60,000 liters per day of wastewater into a POTW is not controlled by the pretreatment standards for existing sources in this Subpart. These sources shall comply with the general and specific pretreatment requirements of Subpart B.

3) This Subpart does not apply to porcelain enameling on precious metal basis material.

b) General definitions. The Board incorporates by reference 40 CFR 466.02 (1986). This incorporation includes no later amendments or editions.

c) Monitoring requirements. The Board incorporates by references 40 CFR 466.03 (1986). This incorporation includes no later amendments or editions.

d) Compliance dates. The Board incorporates by reference 40 CFR 466.04 (1986). This incorporation includes not later amendments or editions.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988)

#### Section 307.7601 Steel Basis Material

a) Applicability. This Section applies to discharges resulting from porcelain enameling on steel basis materials.

b) Specialized definitions. None.

c) Existing sources:

1) The Board incorporates by reference 40 CFR 466.14 (1986). This incorporation includes no later amendments or editions.

2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

1) The Board incorporates by reference 40 CFR 466.15 (1986). This incorporation includes no later amendments or editions.

2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

3) "New source" means any building, structure, facility or installation the construction of which commenced after January 27, 1981.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.7602 Cast Iron Basis Material

a) Applicability. This Section applies to discharges resulting from porcelain enameling of cast iron basis materials.

b) Specialized definitions. None.

c) Existing sources:

1) The Board incorporates by reference 40

CFR 466.24 (1986). This incorporation includes no later amendments or editions.

2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

1) The Board incorporates by reference 40 CFR 466.25 (1986). This incorporation includes no later amendments or editions.

2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

3) "New source" means any building, structure, facility or installation the construction of which commenced after January 27, 1981.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.7603 Aluminum Basis Material

a) Applicability. This Section applies to discharges resulting from porcelain enameling of aluminum basis materials.

b) Specialized definitions. None.

c) Existing sources:

1) The Board incorporates by reference 40 CFR 466.34 (1986). This incorporation includes no later amendments or editions.

2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

1) The Board incorporates by reference 40 CFR 466.35 (1986). This incorporation includes no later amendments or editions.

2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

3) "New source" means any building, structure, facility or installation the construction of which commenced after January 27, 1981.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.7604 Copper Basis Material

a) Applicability. This Section applies to discharges resulting from porcelain

enameling of copper basis materials.

- b) Specialized definitions. None.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.
- d) New sources:
  - 1) The Board incorporates by reference 40 CFR 466.45 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
  - 3) "New source" means any building, structure, facility or installation the construction of which commenced after January 27, 1981.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### SUBPART CP: ALUMINUM FORMING

##### Section 307.7700 General Provisions

###### a) Applicability.

- 1) Aluminum forming includes commonly recognized forming operations such as rolling, drawing, extruding and forging, and related operations such as heat treatment, casting and surface treatments. Surface treatment of aluminum is any chemical or electrochemical treatment applied to the surface of aluminum. Such surface treatment is considered to be a part of aluminum forming whenever it is performed as an integral part of aluminum forming. For the purposes of this Subpart, surface treatment of aluminum is considered to be an integral part of aluminum forming whenever it is performed at the same plant site at which aluminum is formed and such operations are not considered for regulation under the electroplating and metal finishing provisions of Subparts M and AM. Casting aluminum when performed as an integral part of aluminum forming and located on-site at an aluminum forming plant is covered under this Subpart. When aluminum forming is performed on the same site as primary aluminum reduction the casting shall be regulated by Subpart CT (nonferrous metals) if there is no cooling of the aluminum prior to casting. If the aluminum is cooled prior to casting then the casting shall be regulated by this Subpart.
- 2) This Subpart applies to any aluminum forming facility, except for plants identified under subsection (a)(3), which introduces or may introduce pollutants into a POTW.

- 3) This Subpart applies to indirect discharging aluminum forming plants that extrude less than 3 million pounds of product per year and draw, with emulsions or soaps, less than 1 million pounds per year.

- b) General definitions. The Board incorporates by reference 40 CFR 467.02 (1986). This incorporation includes no later amendments or editions.
- c) Monitoring requirements. The Board incorporates by reference 40 CFR 467.03 (1986). This incorporation includes no later amendments or editions.
- d) Compliance dates. The Board incorporates by reference 40 CFR 467.04 (1986). This incorporation includes no later amendments or editions.
- e) Removal credits. The control authority may grant removal credits pursuant to 35 Ill. Adm. Code 310.300 et seq. for toxic metals limited in this Subpart when used as indicator pollutants.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988)

##### Section 307.7701 Rolling With Neat Oils

- a) Applicability. This Section applies to discharges resulting from the core and the ancillary operations of the rolling with neat oils subcategory.

- b) Specialized definitions. The Board incorporates by reference 40 CFR 467.11 (1986). This incorporation includes no later amendments or editions.

###### c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 467.15 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

###### d) New sources:

- 1) The Board incorporates by reference 40 CFR 467.16 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after November 22, 1982.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.7702 Rolling With Emulsions

- a) Applicability. This Section applies to discharges resulting from the core and the ancillary operations of the rolling with emulsions subcategory.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 467.21 (1986). This incorporation includes no later amendments or editions.

#### c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 467.25 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

#### d) New sources:

- 1) The Board incorporates by reference 40 CFR 467.26 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after November 22, 1982.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.7703 Extrusion

- a) Applicability. This Section applies to discharges resulting from the core and the ancillary operations of the extrusion subcategory.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 467.31 (1986). This incorporation includes no later amendments or editions.

#### c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 467.35 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

#### d) New sources:

- 1) The Board incorporates by reference 40 CFR 467.36 (1986). This incorporation includes no later amendments or editions.

- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

- 3) "New source" means any building, structure, facility or installation the construction of which commenced after November 22, 1982.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.7704 Forging

- a) Applicability. This Section applies to discharges resulting from the core of the forging subcategory and the ancillary operations.

- b) Specialized definitions. The Board incorporates by reference 40 CFR 467.41 (1986). This incorporation includes no later amendments or editions.

#### c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 467.45 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

#### d) New sources:

- 1) The Board incorporates by reference 40 CFR 467.46 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after November 22, 1982.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.7705 Drawing With Neat Oils

- a) Applicability. This Section applies to discharges resulting from the core of the drawing with neat oils subcategory and the ancillary operations.

- b) Specialized definitions. The Board incorporates by reference 40 CFR 467.51 (1986). This incorporation includes no later amendments or editions.

#### c) Existing sources:

- 1) The Board incorporates by reference 40



CFR 467.55 (1986). This incorporation includes no later amendments or editions.

- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 467.56 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after November 22, 1982.

(Source: Added at 12 ILL. Reg. 2592, effective January 13, 1988).

Section 307.7706 Drawing With Emulsions or Soaps

- a) Applicability. This Section applies to discharges resulting from the core and the ancillary operations of the drawing with emulsions or soaps subcategory.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 467.61 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 467.65 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 467.66 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after November 22, 1982.

(Source: Added at 12 ILL. Reg. 2592, effective January 13, 1988).

SUBPART CQ: COPPER FORMING

Section 307.7800 General Provisions

a) Applicability.

- 1) This Subpart applies to discharges resulting from the manufacture of formed copper and copper alloy products. The forming operations covered are hot rolling, cold rolling, drawing, extrusion and forging. This Subpart does not regulate the forming of precious metals. (See Subpart CT). The casting of copper and copper alloys is not covered by this Subpart. (See Subpart CM).
- 2) The discharge allowance for drawing spent lubricant of 40 CFR 468.14(c) and 468.15(c) are applicable only to those plants that actually discharge the drawing spent lubricant waste stream at copper forming sites. No discharge allowance is applicable or allowable where these wastewaters are hauled off site for disposal or are otherwise not discharged at copper forming sites.

- b) General definitions. The Board incorporates by reference 40 CFR 468.02 (1986). This incorporation includes no later amendments or editions.

- c) Monitoring requirements. The Board incorporates by reference 40 CFR 468.03 (1986). This incorporation includes no later amendments or editions.

- d) Compliance dates. The Board incorporates by reference 40 CFR 468.04 (1986). This incorporation includes no later amendments or editions.

(Source: Added at 12 ILL. Reg. 2592, effective January 13, 1988)

Section 307.7801 Copper Forming

- a) Applicability. This Section applies to discharges resulting from the forming of copper and copper alloys except beryllium copper alloys.

- b) Specialized definitions. None.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 468.14 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 468.15 (1986). This incorporation includes no later amendments or editions.

- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

- 3) "New source" means any building, structure, facility or installation the construction of which commenced after November 12, 1982.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.7802 Beryllium Copper Forming

- a) Applicability. This Section applies to discharges resulting from the forming of beryllium copper alloys.
- b) Specialized definitions. None.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.
- d) New sources: All sources are regulated as existing sources.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### SUBPART CR: ELECTRICAL AND ELECTRONIC COMPONENTS

#### Section 307.7901 Semiconductor

- a) Applicability. This Section applies to discharges resulting from all process operations associated with the manufacture of semiconductors, except sputtering, vapor deposition and electroplating.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 469.12 (1986). This incorporation includes no later amendments or editions.

#### c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 469.16 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

#### d) New sources:

- 1) The Board incorporates by reference 40 CFR 469.18 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

- 3) "New source" means any building, structure, facility or installation the construction of which commenced after August 8, 1982.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.7902 Electronic Crystals

- a) Applicability. This Section applies to discharges resulting from the manufacture of electronic crystals.

- b) Specialized definitions. The Board incorporates by reference 40 CFR 469.22 (1986). This incorporation includes no later amendments or editions.

#### c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 469.26 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

#### d) New sources:

- 1) The Board incorporates by reference 40 CFR 469.28 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after August 8, 1982.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.7903 Cathode Ray Tube

- a) Applicability. This Section applies to discharges resulting from the manufacture of cathode ray tubes.

- b) Specialized definitions. The Board incorporates by reference 40 CFR 469.31 (1986). This incorporation includes no later amendments or editions.

#### c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 469.34 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 469.36 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after March 9, 1983.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.7904 Luminescent Materials

- a) Applicability. This Section applies to discharges resulting from the manufacture of luminescent materials.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 469.41 (1986). This incorporation includes no later amendments or editions.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 469.43 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after March 9, 1983.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

SUBPART CT: NONFERROUS METALS FORMING  
AND METAL POWDERS

Section 307.8100 General Provisions

a) Applicability.

- 1) This Subpart applies to the introduction of pollutants into a POTW from the forming of nonferrous metals (including nonferrous metal alloys), except beryllium, copper and aluminum, and their alloys. Aluminum alloys are defined as any alloy in which aluminum is the major constituent in percent by weight. Copper

are defined as any alloy in which copper is the major constituent in percent by weight except when copper is alloyed with precious metals. Any copper-precious metal alloy containing 30 percent or greater precious metal is considered a precious metal alloy for the purpose of this subpart. Beryllium alloys are any alloy in which beryllium is present at 0.1 percent or greater. This subpart applies to:

- A) Forming operations, including rolling (both hot and cold), extruding, forging, drawing, swaging, cladding and tube reducing, and
- B) Ancillary operations performed as an integral part of the forming of these metals, including casting for subsequent forming, heat treatment, surface treatment, alkaline cleaning, solvent degreasing, product testing, surface coating, sawing, grinding, tumbling, burnishing and wet air pollution control.

- 2) This subpart also applies to introduction of pollutants into a POTW from mechanical metal powder production operations, forming of parts from metal powders, and associated ancillary operations of:

- A) Iron, copper and aluminum and their alloys; and
- B) The nonferrous metal and their alloys described in subsection (a)(1). This subpart does not regulate the production of metal powders by chemical means such as precipitation. The production of metal powder as the final step in refining metal is regulated under nonferrous metals manufacturing, Subpart V.

- 3) Surface treatment includes any chemical or electrochemical treatment applied to the surface of the metal. For the purposes of this subpart, surface treatment of metals is considered to be an integral part of the forming of metals whenever it is performed at the same plant site at which the metals are formed. Such surface treatment operations are not regulated under the electroplating or metal finishing regulations, subparts M or AH.

- 4) Casting is covered by this subpart when it is performed as an integral part of the metal forming process and takes place at the same plant site at which metals are formed. Such casting is not regulated under the provisions of metal molding and casting (Subpart CM).

- 5) This subpart does not apply to the forming of the metals cadmium, chromium, gallium, germanium, indium, lithium, manganese, neodymium or praseodymium.

b) General definitions. The Board incorporates by reference 40 CFR 471.02 (1986). This incorporation includes no later amendments or editions.

c) Compliance dates. The Board incorporates by reference 40 CFR 471.03 (1986). This incorporation includes no later amendments or editions.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988)

#### Section 307.8101 Lead-Tin-Bismuth Forming

a) Applicability. This Section applies to discharges resulting from the process operations of the lead-tin bismuth forming subcategory.

b) Specialized definitions. None.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 471.14 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 471.15 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after March 5, 1984.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.8102 Magnesium Forming

a) Applicability. This Section applies to discharges resulting from the process operations of the magnesium forming subcategory.

b) Specialized definitions. None.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 471.24 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in

subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 471.25 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after March 5, 1984.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.8103 Nickel-Cobalt Forming

a) Applicability. This Section applies to discharges resulting from the process operations of the nickel-cobalt forming subcategory.

b) Specialized definitions. None.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 471.34 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 471.35 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after March 5, 1984.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.8104 Precious Metals Forming

a) Applicability. This Section applies to discharges resulting from the process operations of the precious metals forming subcategory.

b) Specialized definitions. None.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 471.44 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 471.45 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after March 5, 1984.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.8105 Refractory Metals Forming

a) Applicability. This Section applies to discharges resulting from the process operations of the refractory metals forming subcategory.

b) Specialized definitions. None.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 471.54 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 471.55 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after March 5, 1984.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.8106 Titanium Forming

a) Applicability. This Section applies to discharges resulting from the process operations of the titanium forming subcategory.

b) Specialized definitions. None.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 471.64 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 471.65 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after March 5, 1984.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

Section 307.8107 Uranium Forming

a) Applicability. This Section applies to discharges resulting from the process operations of the uranium forming subcategory.

b) Specialized definitions. None.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 471.74 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 471.75 (1986). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

- 3) "New source" means any building, structure, facility or installation the construction of which commenced after March 5, 1984.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.8108 Zinc Forming

- a) Applicability. This Section applies to discharges resulting from the process operations of the zinc forming subcategory.
- b) Specialized definitions. None.
- c) Existing sources:
  - 1) The Board incorporates by reference 40 CFR 471.84 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- d) New sources:
  - 1) The Board incorporates by reference 40 CFR 471.85 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
  - 3) "New source" means any building, structure, facility or installation the construction of which commenced after March 5, 1984.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.8109 Zirconium-Hafnium Forming

- a) Applicability. This Section applies to discharges resulting from the process operations of the zirconium-hafnium forming subcategory.
- b) Specialized definitions. None.
- c) Existing sources:
  - 1) The Board incorporates by reference 40 CFR 471.94 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- d) New sources:
  - 1) The Board incorporates by reference 40 CFR 471.95 (1986). This incorporation

includes no later amendments or editions.

- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

- 3) "New source" means any building, structure, facility or installation the construction of which commenced after March 5, 1984.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Section 307.8110 Metal Powders

- a) Applicability. This Section applies to discharges resulting from the process operations of the metal powders subcategory.
- b) Specialized definitions. None.
- c) Existing sources:
  - 1) The Board incorporates by reference 40 CFR 471.104 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- d) New sources:
  - 1) The Board incorporates by reference 40 CFR 471.105 (1986). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
  - 3) "New source" means any building, structure, facility or installation the construction of which commenced after March 5, 1984.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988).

#### Appendix A: References to Previous Rules (Repealed)

(Source: Repealed at 12 Ill. Reg. 2592, effective January 13, 1988)

TITLE 35: ENVIRONMENTAL PROTECTION

SUBTITLE C: WATER POLLUTION

CHAPTER I: POLLUTION CONTROL BOARD

PART 308  
DISPOSAL OF WASTES FROM WATERCRAFT

Section	
308.101	Preamble
308.102	Marine Toilets
308.103	Contaminated Bilge or Ballast Waters
308.104	Statewide Application

Appendix: References to Previous Rules

AUTHORITY: Authorized by Section 27 and implementing Section 13 of the Environmental Protection Act (Ill. Rev. Stat. 1979, ch. 111 1/2, pars. 1027 and 1013).

SOURCE: Filed with the Secretary of State January 1, 1978; amended 3 Ill. Reg. 190, effective June 21, 1979; codified 6 Ill. Reg. 7818, effective June 22, 1982.

Section 308.101 Preamble

This Part of the rules and regulations concerning water pollution controls the disposal of wastes from watercraft. Unless the contrary is clearly indicated, all references to "Parts" or "Sections" are to Ill. Adm. Code, Title 35: Environmental Protection. For example, "Part 309" is 35 Ill. Adm. Code 309, and "Section 309.101" is 35 Ill. Adm. Code 309.101.

Section 308.102 Marine Toilets

a) No person owning or operating a watercraft with a marine toilet shall use, or permit the use of, such toilet on the waters of this State, unless the toilet is equipped with facilities that will treat, hold, incinerate or otherwise handle the waste in a manner capable of preventing water pollution as described in paragraphs (c) and (d) of this Section.

b) No person shall dispose of any sewage or wastewater accumulated in a holding tank or any other container on a watercraft, in such a manner that the sewage or wastewater reaches or may reach the waters of the State, except by pumpout to an operating sewage works which has been approved by the Agency or which operates under a permit issued by the Agency.

c) Acceptable pollution control devices are:

- 1) Holding tanks which retain wastes from marine toilets for proper disposal pursuant to paragraph (b) of this Section.
- 2) Incinerating devices which will reduce to ash all sewage and toilet wastes produced on the watercraft. The ash from such devices is not to be disposed of in the waters of Illinois.

- 3) Any other device determined by the Agency to provide an effluent which meets the effluent criteria of this Chapter.

Section 308.103 Contaminated Bilge or Ballast Waters

No bilge or ballast water which fails to meet the effluent standards of Part 304 shall be discharged to the waters of the State.

Section 308.104 Statewide Application

This Part 308 shall apply to all waters of the State unless preempted under Section 312 of the CWA.

(Source: Added at 3 Ill. Reg. 190, effective June 21, 1979)

Appendix References to Previous Rules

The following table is provided to aid in referencing old Board rule numbers to section numbers pursuant to codification.

Chapter 3: Water Pollution	35 Ill. Admin. Code
Part VIII, Disposal of	Part 308
Wastes from	
Watercraft	

Unnumbered Preamble	Section 308.101
Rule 801	Section 308.102
Rule 802	Section 308.103
Rule 803	Section 308.104

**TITLE 35: ENVIRONMENTAL PROTECTION**

**SUBTITLE C: WATER POLLUTION**

**CHAPTER I: POLLUTION CONTROL BOARD**

**PART 309**

**PERMITS**

**SUBPART A: NPDES PERMITS**

Section	
309.101	Preamble
309.102	NPDES Permit Required
309.103	Application -- General
309.104	Renewal
309.105	Authority to Deny NPDES Permits
309.106	Access to Facilities and Further Information
309.107	Distribution of Applications
309.108	Tentative Determination and Draft Permit
309.109	Public Notice
309.110	Contents of Public Notice of Application
309.111	Combined Notices
309.112	Agency Action After Comment Period
309.113	Fact Sheets
309.114	Notice to Other Governmental Agencies
309.115	Public Hearings on NPDES Permit Applications
309.116	Notice of Agency Hearing
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309.118	Agency Hearing File
309.119	Agency Action After Hearing
309.141	Terms and Conditions of NPDES Permits
309.142	Water Quality Standards and Waste Load Allocation
309.143	Effluent Limitations
309.144	Federal New Source Standards of Performance
309.145	Duration of Permits
309.146	Authority to Establish Recording, Reporting, Monitoring and Sampling Requirements
309.147	Authority to Apply Entry and Inspection Requirements
309.148	Schedules of Compliance
309.149	Authority to Require Notice of Introduction of Pollutants into Publicly Owned Treatment Works
309.150	Authority to Ensure Compliance by Industrial Users with Sections 204(b), 307 and 308 of the Clean Water Act
309.151	Maintenance and Equipment
309.152	Toxic Pollutants
309.153	Deep Well Disposal of Pollutants (repealed)
309.154	Authorization to Construct
309.155	Sewage Sludge Disposal
309.156	Total Dissolved Solids Reporting and Monitoring
309.181	Appeal of Final Agency Action on a Permit Application
309.182	Authority to Modify, Suspend or Revoke Permits
309.183	Revision of Schedule of Compliance
309.184	Permit Modification Pursuant to Variance
309.185	Public Access to Information
309.191	Effective Date

**SUBPART B: OTHER PERMITS**

Section	
309.201	Preamble
309.202	Construction Permits
309.203	Operating Permits; New or Modified Sources

309.204	Operating Permits; Existing Sources
309.205	Joint Construction and Operating Permits
309.206	Experimental Permits
309.207	Former Permits (repealed)
309.208	Permits for Sites Receiving Sludge for Land Application
309.221	Applications--Contents
309.222	Applications--Signatures and Authorizations
309.223	Applications--Registered or Certified Mail
309.224	Applications--Time to Apply
309.225	Applications--Filing and Final Action by Agency
309.241	Standards for Issuance
309.242	Duration of Permits Issued Under Subpart B
309.243	Conditions
309.244	Appeals from Conditions in Permits
309.261	Permit No Defense
309.262	Design, Operation and Maintenance Criteria
309.263	Modification of Permits
309.264	Permit Revocation
309.265	Approval of Federal Permits
309.266	Procedures
309.281	Effective Date
309.282	Severability

**Appendix: References to Previous Rules**

**AUTHORITY:** Authorized by Section 27 and implementing Section 13 of the Environmental Protection Act (111. Rev. Stat. 1979, ch. 111 1/2, pars. 1027 and 1013).

**SOURCE:** Filed with the Secretary of State January 1, 1978; amended 2 111. Reg. 20, effective April 20, 1978; amended 4 111. Reg. 159, effective August 7, 1980; amended 5 111. Reg. 6384, effective May 28, 1981; amended 6 111. Reg. 563, effective December 24, 1981; codified 6 111. Reg. 7818; amended at 8 111. Reg. 1612, effective January 18, 1984; amended in R86-44 at 12 111. Reg. 2495, effective January 13, 1988.

**SUBPART A: NPDES PERMITS**

**Section 309.101 Preamble**

- a) Permits may be required under either of two subparts -- NPDES Permits, Subpart A, which regulate discharges into navigable waters as defined in the CWA, or Other Permits, Subpart B, which regulate certain structures and discharges therefrom that are not required to have an NPDES Permit.
- b) Unless the contrary is clearly indicated, all references to "Parts" or "Sections" are to 111. Adm. Code, Title 35: Environmental Protection. For example, "Part 309" is 35 111. Adm. Code 309, and "Section 309.101" is 35 111. Adm. Code 309.101.

**Section 309.102 NPDES Permit Required**

- a) Except as in compliance with the provisions of the Act, Board regulations, and the CWA, and the provisions and conditions of the NPDES permit issued to the discharger, the



discharge of any contaminant or pollutant by any person into the waters of the State from a point source or into a well shall be unlawful.

- b) Neither an NPDES permit nor a state permit is required for any discharge into a well which is authorized by a UIC (Underground Injection Control) permit issued by the Agency pursuant to 35 Ill. Adm. Code 702 and 704 of Subtitle G. For such wells, compliance with the UIC permit requirements of Section 12(g) is deemed compliance with the NPDES permit requirement of Section 12(f) of the Act.

(Source: Amended at 8 Ill. Reg. 1612, effective January 18, 1984)

#### Section 309.103 Application -- General

##### a) Application Forms

- 1) An applicant for an NPDES Permit shall file an application, in accordance with Section 309.223 hereof, on forms provided by the Agency. Such forms shall comprise the NPDES application forms promulgated by the U.S. Environmental Protection Agency for the type of discharge for which an NPDES Permit is being sought and such additional information as the Agency may reasonably require in order to determine that the discharge or proposed discharge will be in compliance with applicable state and federal requirements.
- 2) In addition to the above application forms, the Agency may require the submission of plans and specifications for treatment works and summaries of design criteria.

##### b) Animal Waste Facilities

An applicant for an NPDES Permit in connection with the operation of an animal waste facility shall complete, sign, and submit an NPDES application in accordance with the provisions of Part 500 et seq.

##### c) Mining Activities

- 1) If, as defined by Section 402.101, mining activities are to be carried out on a facility for which an NPDES Permit is held or required, the applicant must submit a permit application as required by Sections 403.103, 403.104 and 405.104. If the facility will have a discharge other than a mine discharge or non-point source mine discharge as defined by Section 402.101, the applicant shall also submit an NPDES Permit application in accordance with Section 309.223 on forms supplied by the Agency.
- 2) As provided by Section 403.101, except to the extent contradicted in Subtitle D, Chapter I, the rules contained in this Subpart A of Part 309 apply to Subtitle D, Chapter I NPDES Permits.
- 3) As provided by Section 406.100, except to the extent provided in Subtitle D,

Chapter I, the effluent and water quality standards of Parts 302, 303 and 304 are inapplicable to mine discharges and non-point source mine discharges.

##### d) New Discharges

Any person whose discharge will begin after the effective date of this Subpart A or any person having an NPDES Permit issued by the U.S. Environmental Protection Agency for an existing discharge which will substantially change in nature, or increase in volume or frequency, must apply for an NPDES Permit either:

- 1) No later than 180 days in advance of the date on which such NPDES Permit will be required; or
- 2) In sufficient time prior to the anticipated commencement of the discharge to insure compliance with the requirements of Section 306 of the CWA, or with any applicable zoning or siting requirements established pursuant to Section 208(b)(2)(C) of the CWA, and any other applicable water quality standards and applicable effluent standards and limitations.

##### e) Signatures

An application submitted by a corporation shall be signed by a principal executive officer of at least the level of vice president, or his duly authorized representative, if such representative is responsible for the overall operation of the facility from which the discharge described in the application form originates. In the case of a partnership or a sole proprietorship, the application shall be signed by a general partner or the proprietor, respectively. In the case of a publicly owned facility, the application shall be signed by either the principal executive officer, ranking elected official, or other duly authorized employee.

(Source: Amended at 4 Ill. Reg. 159, effective August 7, 1980)

#### Section 309.104 Renewal

- a) Any permittee who wishes to continue to discharge after the expiration date of his NPDES Permit shall apply for reissuance of the permit not less than 180 days prior to the expiration date of the permit.
- b) The Agency shall circulate public notice and provide opportunity for public hearing, as provided for in this Subpart A, in the same manner as for a new permit application.

(Source: Amended at 4 Ill. Reg. 159, effective August 7, 1980)

#### Section 309.105 Authority to Deny NPDES Permits

No NPDES Permit may be issued in any case in which:

- a) The permit would authorize the discharge of a radiological, chemical or biological warfare agent or high-level radioactive waste;
- b) The discharge would, in the judgment of the Secretary of the Army acting through the Chief of Engineers, result in the substantial impairment of anchorage and navigation;
- c) The proposed permit is objected to in writing by the Administrator of the U.S. Environmental Protection Agency pursuant to any right to object given to the Administrator under Section 402(d) of the CWA;
- d) The permit would authorize a discharge from a point source which is in conflict with a plan approved under Section 208(b) of the CWA; or
- e) The applicant has not provided proof to the Agency that he will meet any schedule of compliance which may be established, in accordance with the Act and regulations, as a condition of his permit.

#### Section 309.106 Access to Facilities and Further Information

If the Agency determines that either further information or a site visit is necessary for the Agency to evaluate an NPDES Permit application, it shall notify the applicant and make arrangements to secure the additional information or make the site visit. If adequate information is not received within the period of time specified by the Agency, the permit shall either be issued on the basis of the information currently before the Agency or be denied, and the applicant so notified.

#### Section 309.107 Distribution of Applications

When the Agency determines that an application for an NPDES Permit is complete, it shall:

- a) Unless otherwise agreed, send a copy of the application to the District Engineer of the appropriate district of the U.S. Corps of Engineers with a letter requesting that the District Engineer provide, within 30 days or as otherwise stated in the Agency's letter, his evaluation of the impact of the discharge on anchorage and navigation. If the District Engineer responds that anchorage and navigation of any of the navigation waters would be substantially impaired by the granting of a permit, the permit will be denied and the Agency shall notify the applicant. If the District Engineer informs the Agency that the imposition of specified conditions upon the NPDES Permit is necessary to avoid any substantial impairment of any of the navigable waters, the Agency shall include in the permit those conditions specified by the District Engineer.
- b) Send two copies of the application to the Regional Administrator of the U.S. Environmental Protection Agency with a letter stating that the application is complete.

#### Section 309.108 Tentative Determination and Draft Permit

Following the receipt of a complete application for an NPDES Permit, the Agency shall prepare a tentative determination. Such determination shall include at least the following:

- a) A Statement regarding whether an NPDES Permit is to be issued or denied; and
- b) If the determination is to issue the permit, a draft permit containing:
  - 1) Proposed effluent limitations, consistent with federal and state requirements;
  - 2) A proposed schedule of compliance, if the applicant is not in compliance with applicable requirements, including interim dates and requirements consistent with the CWA and applicable regulations, for meeting the proposed effluent limitations;
  - 3) A brief description of any other proposed special conditions which will have a significant impact upon the discharge.
- c) A statement of the basis for each of the permit conditions listed in Section 309.108(b).
- d) Upon tentative determination to issue or deny an NPDES Permit:
  - 1) If the determination is to issue the permit the Agency shall notify the applicant in writing of the content of the tentative determination and draft permit and of its intent to circulate public notice of issuance in accordance with Sections 309.108 through 309.112;
  - 2) If the determination is to deny the permit, the Agency shall notify the applicant in writing of the tentative determination and of its intent to circulate public notice of denial, in accordance with Sections 309.108 through 309.112. In the case of denial, notice to the applicant shall include a statement of the reasons for denial, as required by Section 39(a) of the Act.

#### Section 309.109 Public Notice

- a) Upon tentative determination to issue or deny an NPDES Permit, completion of the draft permit, if any, and not earlier than 10 days following notice to the applicant pursuant to Section 309.108(d), the Agency shall circulate public notice of the completed application for an NPDES Permit in a manner designed to inform interested and potentially interested persons of the discharge or proposed discharge and of the proposed determination to issue or deny an NPDES Permit for the discharge or proposed discharge. Procedures for the circulation of public notice shall include at least the following concurrent actions:

- 1) Notice shall be mailed to the applicant;
- 2) Notice shall be circulated within the geographical area of the proposed discharge; such circulation may include any or all of the following:

- A) Posting in the post office and public places of the municipality nearest the premises of the applicant in which the effluent source is located;
- B) Posting near the entrance to the applicant's premises and in nearby places;
- C) Publishing in local newspapers and periodicals, or, if appropriate, in a daily newspaper of general circulation; and
- D) Any other notice requirements necessary to meet the requirements of the Act and the CWA;

- 3) Notice shall be mailed to any person or group upon request;
- 4) The Agency shall add the name of any person or group upon request to a mailing list to receive copies of notices for all NPDES applications within the State of Illinois or within a certain geographical area.

- b) The Agency shall provide a period of not less than 30 days following the date of first publication of the public notice during which time interested persons may submit their written views on the tentative determinations with respect to the NPDES application. All comments shall be submitted to the Agency and to the applicant. All written comments submitted during the 30-day comment period shall be retained by the Agency and considered in the formulation of its final determinations with respect to the NPDES application. The period for comment may be extended at the discretion of the Agency by publication as provided in Section 309.109.

(Source: Amended at 2 Ill. Reg. 20, effective April 20, 1978)

#### Section 309.110 Contents of Public Notice of Application

The contents of public notice of applications for NPDES Permits shall include at least the following:

- a) Name, address, and telephone number of the Agency;
- b) Name and address of the applicant;
- c) Brief description of the applicant's activities or operations which result in the discharge described in the NPDES application (e.g., municipal waste treatment plant, steel manufacturing, drainage from mine activities);
- d) Name, if any, of the waterway to which the discharge is made and a short description of

the location of the discharge indicating whether it is a new or an existing discharge;

- e) A statement of the tentative determination to issue or deny an NPDES Permit for the discharge described in the application;
- f) A brief description of the procedures for the formulation of final determinations, including the procedures for submitting comments and expiration date of the comment period; and
- g) Address and telephone number of Agency premises at which interested persons may obtain further information, request a copy of the fact sheet, and inspect and copy NPDES forms and related documents.

(Source: Amended at 2 Ill. Reg. 20, effective April 20, 1978)

#### Section 309.111 Combined Notices

- a) The Agency may circulate public notice of applications for more than one NPDES Permit at a time. If a public notice deals with more than one NPDES Permit application, the information required by Section 309.109 above shall be included in the notice for each application.
- b) To expedite the administrative disposition of NPDES Permit applications, the Agency may publish, for one or more NPDES Permit applications at a time, combined public notices and notices of public hearing as required by Sections 309.115 through 309.119 hereof. Any such combined public notice and notice of hearing shall contain all the information which would be required and shall be circulated to all the persons to whom each notice would be required to be sent if the notices were published separately.

(Source: Amended at 2 Ill. Reg. 20, effective April 20, 1978)

#### Section 309.112 Agency Action After Comment Period

If, after the comment period provided, no public hearing is held with respect to the permit, the Agency shall, after evaluation of any comments which may have been received, either issue or deny the permit.

(Source: Amended at 2 Ill. Reg. 20, effective April 20, 1978)

#### Section 309.113 Fact Sheets

- a) For every discharge which has a total volume of more than 500,000 gallons (1.9 megaliters) on any day of the year, the Agency shall prepare and, following public notice, shall send upon request to any person a fact sheet with respect to the application described in the public notice. The contents of such fact sheets shall include at least the following information:

- 1) A sketch or detailed description of the location of the discharge described in the application;
- 2) A quantitative description of the discharge described in the application which includes at least the following:
  - A) The rate or frequency of the proposed discharge; if the discharge is continuous, the average daily flow;
  - B) For thermal discharges subject to limitation under the Act, the average monthly temperatures for the discharge;
  - C) The average daily mass discharged and average concentration in milligrams per liter, or other applicable units of measurement, of any contaminants which are present in significant quantities or which are subject to limitations or prohibitions under applicable provisions of the CWA or the Act or regulations adopted thereunder;
- 3) The tentative determinations required under Section 309.108;
- 4) A brief citation, including an identification of the uses for which the receiving waters have been classified, of the water quality standards and effluent standards and limitations applicable to the proposed discharge; and
- 5) A more detailed description of the procedures for the formulation of final determinations than that given in the public notice, including:
  - A) The 30-day comment period;
  - B) Procedures for requesting a public hearing and the nature thereof; and
  - C) Any other procedures by which the public may participate in the formulation of the final determination.

b) The Agency shall add the name of any person or group, upon request, to a mailing list to receive copies of fact sheets.

#### Section 309.114 Notice to Other Governmental Agencies

At the time of issuance of public notice pursuant to Sections 309.109 through 309.112, the Agency shall:

- a) Send a fact sheet, if one has been prepared, to any other States whose waters may be affected by the issuance of the proposed permit and, upon request, provide such States with a copy of the application and a copy of the draft permit. Each affected State shall be afforded an opportunity to submit written recommendations within a stated number of days to the Agency and to the Regional Administrator of the U.S. Environmental

Protection Agency, which the Agency may incorporate into the permit if issued. Should the Agency decline to incorporate any written recommendations thus received, it shall provide to the affected State or States (and to the Regional Administrator) a written explanation of its reasons for declining to accept any of the written recommendations.

- b) Following the procedure set forth in (a) above, notify and receive recommendations from any interstate agency having water quality control authority over waters which may be affected by the permit.
- c) Unless otherwise agreed, in accordance with 40 CFR 124.34(c), send a copy of the fact sheet, if one has been prepared, to the appropriate District Engineer of the Army Corps of Engineers for discharges (other than minor discharges) into navigable waters.
- d) Upon request, send a copy of the public notice and a copy of the fact sheet for NPDES Permit applications to any other Federal, State, or local agency, or any affected country, and provide such agencies an opportunity to respond, comment, or request a public hearing pursuant to Sections 309.115-309.119. Such agencies shall include at least the following:

- 1) The agency responsible for the preparation of an approved plan pursuant to Section 208(b) of the CWA; and
- 2) The State or interstate agency responsible for the preparation of a plan pursuant to an approved continuous planning process under Section 303(e) of the CWA.

- e) Send notice to, and coordinate with, appropriate public health agencies for the purpose of assisting the applicant in integrating the relevant provisions of the CWA with any applicable requirements of such public health agencies.

#### Section 309.115 Public Hearings on NPDES Permit Applications

- a) 1) The Agency shall hold a public hearing on the issuance or denial of an NPDES Permit or group of permits whenever the Agency determines that there exists a significant degree of public interest in the proposed permit or group of permits (instances of doubt shall be resolved in favor of holding the hearing), to warrant the holding of such a hearing.
- 2) Any person, including the applicant, may submit to the Agency a request for a public hearing or a request to be a party at such a hearing to consider the proposed permit or group of permits. Any such request for public hearing shall be filed within the 30-day public comment period and shall indicate the interest of the party filing such a request and the reasons why a hearing is warranted.

- b) When the Agency has determined under paragraphs (a) and (b) that a public hearing is required, the Director shall appoint one or more employees of the Agency to serve as a Hearing Board and shall designate one to serve as Chairman.
- c) The Chairman of the hearing board shall promptly schedule the matter for hearing to be held within 60 days from the filing of the first request for public hearing, or as may be otherwise agreed among the parties.
- d) Hearings held pursuant to this Section shall be held in the geographical area in which the discharges or proposed discharges are located, or other appropriate location, as determined by the Chairman. Consideration shall be given to facilitating attendance of interested or affected persons and organizations and to accessibility of hearing sites to public transportation. The Chairman shall have the duty to conduct a fair hearing, to take all necessary action to avoid delay, to maintain order, and to ensure development of a clear and complete hearing file.

#### Section 309.116 Notice of Agency Hearing

The Agency shall issue public notice of such hearing not less than 30 days prior to the date of such hearing, in the manner described by Sections 309.109 through 309.112 for public notice. The Agency shall send notices of the hearing to all persons and governmental agencies who had received notice of the application under Sections 309.109 through 309.112 and 309.114. Such notice shall include at least the following:

- a) Name, address, and telephone number of the Agency;
- b) Name and address of each applicant whose application will be considered at the hearing;
- c) Name of waterway to which each applicant's discharge is to be made and a short description of the location of each such discharge on the waterway;
- d) A brief reference to the public notice issued for the NPDES application, including identification number (if any) and date of issuance;
- e) Information regarding the time and location of the hearing;
- f) The purpose of the hearing;
- g) A concise statement of the issues to be considered at the hearing;
- h) Address and telephone number of premises at which interested persons may obtain further information, request a copy of the draft permit, request a copy of the fact sheet, request a copy of the regulations governing the conduct of the hearing, and inspect and copy NPDES forms and related documents; and

- i) A statement that the hearing will be conducted in accordance with the provisions of Sections 309.115 through 309.119.

#### Section 309.117 Agency Hearing

The applicant or any person shall be permitted to submit oral or written statements and data concerning the proposed permit or group of permits. The Chairman shall have authority to fix reasonable limits upon the time allowed for oral statements, and may require statements in writing.

#### Section 309.118 Agency Hearing File

- a) Following the public hearing, the Chairman shall prepare a hearing file, which shall include:
  - 1) Copies of statements submitted in writing;
  - 2) A summary of the statements submitted orally;
  - 3) A report of the major issues raised at the hearing;
  - 4) An estimate of the number of persons present; and
  - 5) His recommendations concerning actions to be taken of the proposed permit or permits as a result of the hearing.
- b) The hearing file shall be available upon request to any member of the public and to representatives of the U.S. Environmental Protection Agency.

#### Section 309.119 Agency Action After Hearing

Following the public hearing, the Agency may make such modifications in the terms and conditions of proposed permits as may be appropriate and shall transmit to the Regional Administrator for his approval a copy of the permit proposed to be issued unless the Regional Administrator has waived his right to receive and review permits of its class. The Agency shall provide a notice of such transmission to the applicant, to any person who participates in the public hearing, to any person who requested a public hearing, and to appropriate persons on the mailing list established under Sections 309.109 through 309.112. Such notice shall briefly indicate any significant changes which were made from terms and conditions set forth in the draft permit. All permits become effective when issued.

#### Section 309.141 Terms and Conditions of NPDES Permits

In establishing the terms and conditions of each issued NPDES Permit, the Agency shall apply and ensure compliance with all of the following, whenever applicable:

- a) Effluent limitations under Section 301 and 302 of the CWA;
- b) Standards of performance for new sources under Section 306 of the CWA;
- c) Effluent standards, effluent prohibitions, and pretreatment standards under Section 307 of the CWA;
- d) Any more stringent limitation, including those
  - 1) necessary to meet water quality standards, treatment standards, or schedules of compliance, established pursuant to any Illinois statute or regulation (under authority preserved by Section 510 of the CWA),
  - 2) necessary to meet any other federal law or regulation or
  - 3) required to implement any applicable water quality standards; such limitations to include any legally applicable requirements necessary to implement total maximum daily loads established pursuant to Section 303(d) of the CWA and incorporated in the continuing planning process approved under Section 303(e) of the CWA and any regulations or guidelines issued pursuant thereto;
- e) Any more stringent legally applicable requirements necessary to comply with a plan approved pursuant to Section 208(b) of the CWA;
- f) Prior to promulgation by the Administrator of the U.S. Environmental Protection Agency of applicable effluent standards and limitations pursuant to Sections 301, 302, 306 and 307 of the CWA, such conditions as the Agency determines are necessary to carry out the provisions of the CWA<sup>1</sup>; and
- g) If the NPDES Permit is for the discharge of pollutants into navigable waters from a vessel or other floating craft (except that no NPDES Permit shall be issued for the discharge of pollutants from a vessel or other floating craft into Lake Michigan) any applicable regulations promulgated by the Secretary of the Department in which the Coast Guard is operating, establishing specifications for safe transportation, handling, carriage, storage and stowage of pollutants.

<sup>1</sup>Section 309.141(f) was declared invalid in Peabody Coal Co. v. PCB, 3 Ill. App. 3d 5 (5th District, 1976) and declared valid in U.S. Steel v. PCB, 52 Ill. App. 3d 1 (2d District, 1977).

#### Section 309.142 Water Quality Standards and Waste Load Allocation

In any case in which an NPDES Permit includes as conditions the effluent standards and limitations described in Sections 309.141, 309.142, and 309.143, the Agency shall have determined and verified that the discharge authorized by the permit will not violate applicable water quality standards or a schedule

of compliance to achieve applicable water quality standards contained in the NPDES Permit. In any case in which an NPDES Permit applies any more stringent effluent limitation based on applicable water quality standards, a waste load allocation shall be prepared to ensure that the discharge authorized by the permit is consistent with applicable water quality standards.

#### Section 309.143 Effluent Limitations

In the application of effluent standards and limitations, water quality standards and other applicable requirements, the Agency shall, for each permit, specify average and maximum daily quantitative limitations for the level of pollutants in the authorized discharge in terms of weight (except pH, temperature, radiation, and any other pollutants not appropriately expressed by weight, and except for discharges whose constituents cannot be appropriately expressed by weight). The Agency may, in its discretion, in addition to specification of daily quantitative limitations by weight, specify other limitations, such as average or maximum concentration limits, for the level of pollutants in the authorized discharge. Effluent limitations for multiproduct operations shall provide for appropriate waste variations from such plants. Where a schedule of compliance is included as a condition in a permit, effluent limitations shall be included for the interim period as well as for the period following the final compliance date.

#### Section 309.144 Federal New Source Standards of Performance

Notwithstanding any other provisions of these regulations, any point source, the construction of which is commenced after the date of enactment of the CWA and which is so constructed as to meet all applicable federal standards of performance as defined in Section 306 of the CWA and Section 301.400 of this Chapter, shall not be subject to any more stringent federal standard of performance during:

- a) A 10-year period beginning on the date of completion of such construction, or
- b) The period of depreciation or amortization of such facility for the purposes of Section 167 or 169 (or both) of the Internal Revenue Code of 1954 (26 U.S.C. 167 and 169), whichever period ends first.

#### Section 309.145 Duration of Permits

All NPDES Permits shall be issued for fixed terms not to exceed five years.

#### Section 309.146 Authority to Establish Recording, Reporting, Monitoring and Sampling Requirements

- a) The Agency shall require every holder of an NPDES Permit, as a condition of the NPDES Permit issued to the holder, to

- 1) Establish, maintain and retain records;
  - 2) Make reports;
  - 3) Install, calibrate, use and maintain monitoring equipment or methods (including where appropriate biological monitoring methods);
  - 4) Take samples of effluents (in accordance with such methods, at such locations, at such intervals, and in such a manner as may be prescribed); and
  - 5) Provide such other information as may reasonably be required.
- b) The Agency may require every holder of an NPDES Permit for a publicly owned and publicly regulated treatment works, as a condition of the NPDES Permit, to require industrial users of such a treatment works to:
- 1) Establish, maintain and retain records;
  - 2) Make reports;
  - 3) Install, calibrate, use and maintain monitoring equipment or methods (including where appropriate biological monitoring methods);
  - 4) Take samples of effluents (in accordance with such methods, at such locations, at such intervals, and in such a manner as may be prescribed); and
  - 5) Provide such other information as may reasonably be required.
- c) All such requirements shall be included as conditions of the NPDES Permit issued to the discharger, and shall be at least as stringent as those required by applicable federal regulations when these become effective.

**Section 309.147 Authority to Apply Entry and Inspection Requirements**

- a) Any holder of an NPDES Permit and any industrial user of a publicly owned or publicly regulated sewage treatment plant, shall be required as a condition of the NPDES Permit issued to the holder, and in accordance with constitutional limitations, to allow any authorized representative of the Agency, upon presentation of his credentials, to:
- 1) Enter any premises of a permittee or of an industrial user of a publicly owned or publicly regulated treatment works in which premises an effluent source is located or in which any applicable records are located that are required to be maintained;
  - 2) At reasonable times have access to and copy any records required to be maintained;
  - 3) Inspect any monitoring equipment or method which is required;

- 4) Have access to and sample any discharge of contaminants to State waters or to publicly owned or publicly regulated treatment works resulting from the activities or operations of the permittee or industrial user; and
  - 5) Inspect, sample, photograph or otherwise investigate any part of the facilities or equipment of the permit holder or industrial user which the Agency may deem necessary in order to determine the possibility of a present or future violation of the Act, applicable regulations or any NPDES Permit condition.
- b) The requirements set forth in subsections (a)(1) through (a)(5) above shall be set forth in all NPDES Permits as terms and conditions thereof.

**Section 309.148 Schedules of Compliance**

The Agency shall establish schedules of compliance in NPDES Permits in the following manner:

- a) With respect to any discharge which is not in compliance with applicable effluent standards and limitations, applicable water quality standards or other legally applicable requirements, the permittee shall be required to take specific steps to achieve compliance therewith in the shortest reasonable period of time consistent with the guidelines and requirements of CWA and the Act.
- b) In any case where the period of time for compliance specified in Subsection (a) above exceeds 9 months, a schedule of compliance shall be specified in the permit which will set forth interim requirements and the dates for their achievement; in no event shall more than 9 months elapse between interim dates. If the time necessary for completion of the interim requirement is more than 9 months and is not readily divided into stages for completion, interim dates shall be specified for the submission of reports of progress toward completion of the interim requirement. For each NPDES Permit schedule of compliance, interim dates and the final date for compliance shall, to the extent practicable, fall on the last day of the months of March, June, September, and December.
- c) Not later than 14 days following each interim date and the final date of compliance, the permittee shall provide the Agency with written notice of the permittee's compliance or noncompliance with the interim or final requirement.
- d) Interim and final compliance dates in NPDES Permits shall be enforceable without otherwise showing a violation of an effluent limitation or injury to water quality.
- e) The Agency shall make available for public inspection and copying at its Springfield and Chicago offices a copy of the quarterly list as filed with the Regional Administrator in accordance with 40 CFR 124.44(d).

f) The Agency may establish schedules of compliance in NPDES Permits pursuant to applicable federal requirements which may be earlier or later than deadlines established by otherwise applicable regulations of the Board, provided that all schedules of compliance shall require compliance at the earliest reasonable date. However, the Agency shall not issue an NPDES Permit containing a schedule of compliance beyond July 1, 1977, or any other compliance date established by federal law, to any applicant who is not in compliance with, or who has not obtained a variance from applicable Illinois Water Pollution Regulations, or who has not been ordered to apply for and obtain all necessary permits in an appropriate Board enforcement action, for which the deadline for compliance occurred before the effective date of these NPDES Regulations.

g) In any case in which an NPDES Permit includes a schedule of compliance, the Agency shall include in its final determination a statement of the factual basis for such schedule.

h) Schedules of compliance established by the Agency in NPDES Permits shall be subject to review by the Pollution Control Board in accordance with Sections 309.181 and 309.182 herein.

(Source: Amended at 2 Ill. Reg. 20, effective April 20, 1978)

**Section 309.149 Authority to Require Notice of Introduction of Pollutants into Publicly Owned Treatment Works**

The Agency shall include in all NPDES Permits issued to publicly owned or publicly regulated treatment works conditions requiring the permittee to give notice to the Agency of the following:

- a) Any new introduction of pollutants into such treatment works from a source which would be a new source as defined in Section 306 of the CWA if such source were discharging pollutants directly to the waters of the State;
- b) Except as to such categories and classes of point sources or discharges which may be specified by the Agency, any new introduction of pollutants into such treatment works from a source which would be a point source subject to Section 301 of the CWA if it were discharging such pollutants directly to the waters of the State;
- c) Any substantial change in volume or character of pollutants being introduced into such treatment works by a source introducing pollutants into such works at the time of issuance of the permit; and
- d) All notices required of publicly owned or publicly regulated treatment works pursuant to this section shall be in such form and content as the Agency may require, and shall include information on:

- 1) The quality and quantity of wastewater to be introduced into such treatment works, and
- 2) Any anticipated impact of such change in the quantity or quality of effluent to be discharged from such publicly owned or publicly regulated treatment works.

(Source: Amended at 2 Ill. Reg. 20, effective April 20, 1978)

**Section 309.150 Authority to Ensure Compliance by Industrial Users with Sections 204(b), 307 and 308 of the Clean Water Act**

a) Any NPDES Permit issued to a publicly owned or publicly regulated treatment works shall include as a condition that the permittee shall require that any industrial user of such treatment works will comply with federal requirements concerning:

- 1) User charges and recovery of construction costs pursuant to Section 204(b) of the CWA and applicable regulations appearing in 40 CFR 35;
- 2) Toxic pollutant effluent standards and pretreatment standards pursuant to Section 307 of the CWA; and
- 3) Inspection, monitoring and entry pursuant to Section 308 of the CWA.

b) As a means of ensuring such compliance, the permittee shall require each industrial user subject to the requirements of Section 307 of the CWA to comply with this Section. The permittee shall send to the Agency periodic notice (over intervals not to exceed 9 months) of progress toward full compliance with the requirements of Section 307 of the CWA.

**Section 309.151 Maintenance and Equipment**

Any NPDES Permit issued shall include as a condition that the permittee shall at all times maintain in good working order and operate as efficiently as possible any facilities or systems of control installed by the permittee to achieve compliance with the terms and conditions of the permit.

**Section 309.152 Toxic Pollutants**

Any NPDES Permit issued shall include as a condition that if a toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is established under Section 307(a) of the CWA for a toxic pollutant which is present in the permittee's discharge and such standard or prohibition is more stringent than any limitation upon such pollutant in the NPDES Permit, the Agency shall revise or modify the permit in accordance with the more stringent



standard or prohibition and shall so notify the permittee.

**Section 309.153 Deep Well Disposal of Pollutants (Repealed)**

(Source: Repealed at 8 Ill. Reg. 1612, effective January 18, 1984)

**Section 309.154 Authorization to Construct**

- a) No person shall cause or allow the construction of any new treatment works, disposal well or wastewater source for which an NPDES Permit is required or cause or allow the modification of any existing treatment works, disposal well or wastewater source for which an NPDES Permit is required unless such NPDES Permit contains an authorization to construct as a condition of such permit.
- b) Any holder of a valid NPDES Permit who proposes or is required as a condition of such NPDES Permit or of any order of the Pollution Control Board to construct or modify any treatment works, disposal well, wastewater source, or process modification which results in new or increased discharges of pollutants, shall complete, sign and submit an NPDES application for such construction or modification, in accordance with the instructions provided with the form, no later than 180 days in advance of the date on which construction or modification is to begin. No person shall commence construction until the holder of the NPDES Permit shall have received a modification to the NPDES Permit, or a new NPDES Permit if required, which contains an authorization to construct as a condition of such permit.
- c) The Agency shall not issue any authorization to construct unless the applicant submits adequate proof, including any of the information or documents set forth in Section 309.221 as the Agency may require, which ensures that the proposed construction, modification or operation
  - 1) Either conforms to the criteria promulgated by the Agency under Section 309.221 or is based on other criteria which the applicant proves will produce consistently satisfactory results; and
  - 2) Will not cause a violation of the conditions of the NPDES Permit.

**Section 309.155 Sewage Sludge Disposal**

In establishing the terms and conditions of each issued NPDES Permit, the Agency shall apply and ensure compliance with applicable regulations promulgated under Section 405 of the CWA governing the disposal of sewage sludge from treatment works.

(Source: Added at 5 Ill. Reg. 6384, effective May 28, 1981)

**Section 309.156 Total Dissolved Solids Reporting and Monitoring**

The Agency shall by permit condition require monitoring and reporting levels of total dissolved solids in all effluents unless it finds that such reporting and monitoring is not required to accomplish the purposes of the Act. Monitoring of total dissolved solids levels shall be by any reasonably reliable method.

(Source: Added at 6 Ill. Reg. 563, effective December 24, 1981)

**Section 309.181 Appeal of Final Agency Action on a Permit Application**

- a) If any NPDES Permit has been issued or denied by the Agency, any appeal of the issuance or denial of the permit, or of any of the terms or conditions thereof, shall be to the Pollution Control Board in accordance with its Procedural Rules.
- b) Such appeal shall be filed within 30 days after final Agency action.

**Section 309.182 Authority to Modify, Suspend or Revoke Permits**

- a) Any person, whether or not a party to or participant at any earlier proceeding before the Agency or the Board, may file a complaint for modification, suspension, or revocation of an NPDES Permit in accordance with this Section and Part 103.

(Note: Prior to codification, Part III of Procedural Rules.)

- b) The Pollution Control Board, after complaint and hearing in accordance with the Act and its Procedural Rules, may modify, suspend or revoke any NPDES Permit in whole or in part in any manner consistent with the Act, applicable Board regulations and federal requirements, upon proof of cause including, but not limited to, the following:
  - 1) Violation of any terms or conditions of the permit (including, but not limited to, schedules of compliance and conditions concerning monitoring, entry and inspection);
  - 2) Obtaining a permit by misrepresentation or failure to disclose fully all relevant facts; or
  - 3) A change in any circumstance that mandates either a temporary or permanent reduction or elimination of the permitted discharge.
- c) The provisions of this Section shall be included as terms and conditions of each issued NPDES Permit.

**Section 309.183 Revision of Schedule of Compliance**

- a) The Agency may, upon request of the applicant, revise or modify a schedule of compliance in an issued NPDES Permit if it determines good and valid cause (such as an Act of God, strike, flood, materials shortage or other event over which the permittee has little or no control) exists for such revision and if within 30 days following receipt of notice from the Agency, the Regional Administrator of the U.S. Environmental Protection Agency does not object in writing.
- b) Such Agency revision shall only be made when the Agency has determined that the final compliance date shall not be extended beyond a total of 90 days as originally contained in the permit.

**Section 309.184 Permit Modification Pursuant to Variance**

To the extent authorized by the CWA and the Act, the Board may grant variances from standards, limitations, and requirements imposed by these NPDES Regulations upon a showing that compliance would impose an arbitrary and unreasonable hardship on the applicant or permittee. Any request for such relief shall be commenced in accordance with Section 104.101 and Part 104 shall govern the proceeding. If such a variance is granted the Board shall order the Agency to issue or modify an NPDES Permit consistent with the Board Order, the CWA, Federal NPDES Regulations and the Act.

(Note: Prior to codification, Rule 401 and Part IV of Procedural Rules)

**Section 309.185 Public Access to Information**

The Agency and Board shall assure public access to information pursuant to Section 7(b) of the Act.

**Section 309.191 Effective Date**

- a) Except as otherwise provided, Subpart A became effective on October 24, 1977.
- b) The UIC permit exception of Section 309.102(b) will become effective upon filing with the Secretary of State of a letter from USEPA approving the UIC program for the State of Illinois.

(Source: Amended at 8 Ill. Reg. 1612, effective January 18, 1984)

**SUBPART B: OTHER PERMITS**

**Section 309.201 Preamble**

- a) This Subpart B establishes basic rules for the issuance of permits for the construction, modification and operation of treatment works, pretreatment works, sewers, wastewater

sources and other discharges which are not required to have NPDES Permits.

- b) Discharges for which a pretreatment permit has been issued by the Agency, or for which an authorization to discharge has been issued by a publicly owned treatment works (POTW) with an approved pretreatment program, pursuant to 35 Ill. Adm. Code 310, are exempt from the operating permit requirement of this Subpart. However, such discharges may be subject to the construction permit requirements.

(Source: Amended at 12 Ill. Reg. 2495, effective January 13, 1988)

**Section 309.202 Construction Permits**

Except for treatment works or wastewater sources which have or will have discharges for which NPDES Permits are required, and for which NPDES Permits have been issued by the Agency:

- a) No person shall cause or allow the construction of any new treatment works, sewer or wastewater source or cause or allow the modification of any existing treatment works, sewer or wastewater source without a construction permit issued by the Agency, except as provided in paragraph (b).
- b) Construction permits shall not be required for the following:
- 1) Storm sewers that transport only land runoff; or
  - 2) Any treatment works, sewer or wastewater source designed and intended to serve a single building and eventually treat or discharge less than an average of 1500 gallons per day (5700 l/day) of domestic sewage and which will discharge, if at all, directly to a publicly owned or publicly regulated sanitary or combined sewer; or
  - 3) Any sewer required by statute to secure a permit pursuant to Section 3 of "An Act to provide for, license and regulate mobile homes and mobile home parks", P.A. 77-1472, (Ill. Rev. Stat. 1979, ch. 111 1/2, par. 713); or
  - 4) Any treatment works, pretreatment works, sewer or wastewater source that, on the effective date of this Subpart B, is being constructed or will be constructed under the authorization of a permit already issued by the Agency or its predecessors; provided however, that all construction must be completed within four years from the effective date of this Subpart B; or
  - 5) Privately owned sewers tributary to industrial treatment works owned by the same person if the additional waste load does not exceed the permitted design capacity of the industrial treatment works.
- c) No person without a construction permit issued by the Agency shall cause or allow the

construction of any pretreatment works or cause or allow the modification of any existing pretreatment works if such pretreatment works, after construction or modification, will:

- 1) Discharge toxic pollutants, as defined in Section 502(13) of the CWA, or pollutants which may interfere with the treatment process into the receiving treatment works or be subject to regulations under Section 307 of the Clean Water Act (CWA); or
- 2) Discharge 15% or more of the total hydraulic flow received by the treatment works; or
- 3) Discharge 15% or more of the total biological loading received by the treatment works as measured by the 5-day biochemical oxygen demand;

(Source: Amended at 8 Ill. Reg. 1612, effective January 18, 1984)

#### Section 309.203 Operating Permits; New or Modified Sources

- a) No person shall cause or allow the use or operation of any treatment works, sewer or wastewater source for which a construction permit is required under Section 309.202 without an operating permit issued by the Agency, except as may be authorized by the construction permit.
- b) No operating permit is required under this Section for any discharge:
  - 1) For which an NPDES permit is required; or
  - 2) For which a pretreatment permit has been issued by the Agency, or for which an authorization to discharge has been issued by a POTW with an approved pretreatment program, pursuant to 35 Ill. Adm. Code 310.

(Source: Amended at 12 Ill. Reg. 2495, effective January 13, 1988)

#### Section 309.204 Operating Permits; Existing Sources

- a) No person shall cause or allow the use or operation of any treatment works, pretreatment works or wastewater source without an operating permit issued by the Agency, except as provided in subsections (b), (c) and (d).
- b) No operating permit is required under this Section for any discharge:
  - 1) For which an NPDES permit is required; or
  - 2) For which a pretreatment permit has been issued by the Agency, or for which an authorization to discharge has been issued by a POTW with an approved pretreatment program, pursuant to 35 Ill. Adm. Code 310.

c) Operating permits are not required for treatment works and wastewater sources that are designed and intended to serve a single building and eventually treat or discharge less than an average of 1500 gallons per day (5700 l/day) of domestic sewage and which will discharge, if at all, directly to a publicly owned or publicly regulated sanitary or combined sewer.

d) Operating permits are not required for those pretreatment works or wastewater sources discharging to a sewer tributary to a treatment works which will not:

- 1) Discharge toxic pollutants, as defined in Section 502(13) of the CWA, or pollutants which may interfere with the treatment process into the receiving treatment works or be subject to regulations promulgated under Section 307 of the Clean Water Act (CWA); or
- 2) Discharge 15% or more of the total hydraulic flow received by the treatment works; or
- 3) Discharge 15% or more of the total biological loading received by the treatment works as measured by the 5-day biochemical oxygen demand.

(Source: Amended at 12 Ill. Reg. 2495, effective January 13, 1988)

#### Section 309.205 Joint Construction and Operating Permits

In cases where the Agency determines that a proposed treatment works, pretreatment works, sewer or wastewater source is sufficiently standard so as to obviate the need for separate construction and operating permits, the Agency may issue a joint construction and operating permit.

#### Section 309.206 Experimental Permits

- a) In order to promote the development of water pollution control technology, the Agency may issue experimental permits for treatment processes or techniques that do not satisfy the standards for issuance set forth in Section 309.241, provided that the applicant submits clear, cogent and convincing proof that the process or technique has a reasonable and substantial chance for success.
- b) The existence of a valid experimental permit shall constitute a prima facie defense to any action brought against the permittee for a violation of this Chapter, but only to the extent that such action is based on the failure of the process or technique, during the period of validity of the permit, to meet the effluent limitations or water quality standards of this Chapter.
- c) An experimental permit may not be issued in lieu of an NPDES Permit when an NPDES Permit is required.

Section 309.207 Former Permits (repealed)

(Source: Repealed at 8 Ill. Reg. 1612, effective January 18, 1984)

Section 309.208 Permits for Sites Receiving Sludge for Land Application

a) A construction and an operating permit are required under this Chapter for any site receiving sludge for land application unless:

- 1) The site receives only livestock wastes; or
- 2) The site receives only septic tank sludges generated from domestic sources; or
- 3) The site is regulated under Parts 700 et seq. of the Board's regulations; or

(Note: Prior to codification, Chapter 7: Solid Waste)

- 4) The site is specifically identified in an approved sludge management scheme of an operating or NPDES permit issued by the Agency and receives sludge exclusively from the permittee; or

5) All of the following conditions are satisfied:

- A) The site is not specifically identified in an NPDES or operating permit of any treatment works or pretreatment works but receives sludge from a treatment works or pretreatment works which has a valid operating permit issued by the Agency, or an NPDES permit with a sludge management scheme approved by the Agency. The sludge generator shall inform the user that this requirement has been met; and
- B) The sludge user applies the sludge to less than 121 ha (300 acres) under common ownership or control in any year; and
- C) The sludge is transported, stored and applied by the user in compliance with the approved sludge management scheme of the generator from which the user receives the sludge. Any person who intends to transport, store or apply sludge in any manner other than that described in the approved sludge management scheme must apply for a permit.

b) Notwithstanding subparagraphs (1) through (5) of paragraph (a), the Agency may require a user receiving sludge for land application to obtain a permit under this Section when the Agency determines that special circumstances exist such that a permit is required to protect the environment or the public health. In making its determination, the Agency shall consider the following factors:

- 1) Where the sludge will be stored;

- 2) The proposed rate and method of application of the sludge to the receiving site;
- 3) The quality (constituents and concentrations) of the sludge to be applied to the receiving site; and,
- 4) The geological and hydrological characteristics of the receiving site, including proximity to waters of the State.

c) No permit may be required under Subsection (b) for a user receiving sludge for land application unless the owner or operator is notified in writing of the requirement to apply for a permit. That notification shall include a statement of the special circumstances requiring the site to be permitted. The requirement of a permit is reviewable only in a permit appeal proceeding.

d) Generators and haulers of municipal water or wastewater treatment plant sludge, which is to be applied to land and which is regulated under this Chapter, need not obtain a special waste hauling permit or prepare, carry and complete a manifest under Part 706 of the Board's Special Waste Hauling regulations.

(Note: Prior to codification, Chapter 9: Special Waste)

e) The Agency may establish and revise criteria in accordance with Section 309.262 for the design, operation, and maintenance of facilities regulated under this Section.

f) For purposes of permit issuance and approval of a sludge management scheme, proof of conformity with Agency criteria shall be prima facie evidence of no violation of the Act or this Chapter. However, nonconformity with Agency criteria shall not be grounds for permit denial, or for failure to approve a sludge management scheme, if the applicant submits adequate information showing that the sludge will be stored, transported and applied so as not to cause a violation of the Act or this Chapter.

(Source: Added at 5 Ill. Reg. 6384, effective May 28, 1981)

Section 309.221 Applications -- Contents

a) All applications for any permit required under this Subpart B shall contain, where appropriate, the following information and documents:

- 1) A complete description of the volume and nature of the wastewater influent and effluent to be transported, treated or discharged, including a statement as to presence or absence of all contaminants for which effluent or water quality standards are set by this Chapter; and
- 2) A description of the present condition of the receiving body of water and the effect of the wastewater on such receiving body of water; and

- 3) A statement as to any projected changes in the volume or nature of the wastewater which the applicant desires to have included within the terms of the permit; and
- 4) A description of the geographic location of the facility or source, and its interrelation with any existing or proposed treatment works, sewer or wastewater source which will transport, treat or discharge the same wastewater; and
- 5) Plans and specifications, prepared by an Illinois Registered Professional Engineer when required by the provisions of the Illinois Professional Engineering Act (Ill. Rev. Stat. 1979 ch. 111, pars. 5101 et seq.), fully describing the design, nature, function and interrelationship of each individual component of the facility or source, except that the Agency may waive this requirement for plans and specifications when the application is for a routine renewal; and
- 6) A statement identifying and justifying any departure from current design criteria promulgated by the Agency.

- b) The Agency may adopt procedures requiring such additional information as is necessary to determine whether the treatment works, pretreatment works, sewer or wastewater source will meet the requirements of the Act and this Chapter.
- c) The Agency may prescribe the form in which all information required under this Section shall be submitted.

**Section 309.222 Applications -- Signatures and Authorizations**

- a) An application submitted by a corporation must be signed by a principal executive officer of at least the level of vice president, or his duly authorized representative, if such representative is responsible for the overall operation of the facility from which the discharge described in the application form originates. In the case of a partnership or a sole proprietorship, the application must be signed by a general partner or the proprietor respectively. In the case of a publicly owned facility, the application must be signed by either a principal executive officer, ranking elected official or other duly authorized employee.
- b) Permit applications for sewer construction or modification shall be accompanied by signed statements from the owners of all intermediate receiving sewers and the receiving treatment works certifying that their facilities have adequate capacity to transport and/or treat the wastewater that will be added through the proposed sewer without violating any provisions of the Act and this Chapter.

**Section 309.223 Applications -- Registered or Certified Mail**

All permit applications shall be mailed or delivered to the appropriate address designated by the Agency. Any application or revised application sent by mail shall be sent by registered or certified mail, return receipt requested. Applications which are hand-delivered shall be delivered to and receipted for by any authorized person employed in the Permit Section of the Agency's Division of Water Pollution Control.

**Section 309.224 Applications -- Time to Apply**

Any person required under this Subpart B to have a permit must file an application with the Agency at least 90 days before the date on which the permit is required.

**Section 309.225 Applications -- Filing and Final Action By Agency**

- a) An application for permit under this Subpart B shall not be deemed to be filed until the Agency has received, at the designated address, all information, documents and authorizations in the form and with the content required by Sections 309.221, 309.222 and 309.223 and related Agency procedures; provided, however, that if the Agency fails to notify the applicant within 30 days after the filing of a purported application that the application is incomplete and of the reason the Agency deems it incomplete, the application shall be deemed to have been filed as of the date of such purported filing. The applicant may treat the Agency's notification that an application is incomplete as a denial of the application for purposes of review.

- b) If the Agency fails to take final action, by granting or denying the permit as requested or with conditions, within 90 days from the filing of the application, the applicant may deem the permit granted for a one year period commencing on the 91st day after the application under this Subpart B was filed.
- c) Any applicant for a permit under this Subpart B may waive the requirement that the Agency must take final action within 90 days from the filing of the application.
- d) The Agency shall send written notice of final action taken.
- e) The Agency shall be deemed to have taken final action on the date that the notice is mailed.

**Section 309.241 Standards for Issuance**

- a) The Agency shall not grant any permit required by this Subpart B, except an experimental permit under Section 309.206, unless the applicant submits adequate proof that the treatment works, pretreatment works,

sewer, or wastewater source will be constructed, modified, or operated so as not to cause a violation of the Act or of this Subtitle; and

- b) If the Agency has promulgated, pursuant to Section 309.262, criteria with regard to any part or condition of a permit, then for purposes of permit issuance proof of conformity with the criteria shall be prima facie evidence of no violation. However, non-conformity with the criteria shall not be grounds for permit denial if the condition of subsection (a) of this section is met.

(Source: Amended at 8 Ill. Reg. 1612, effective January 18, 1984)

#### Section 309.242 Duration of Permits Issued Under Subpart B

- a) Construction permits for sewers and wastewater sources shall require that construction be completed within two years. Construction permits for treatment works and pretreatment works shall require that construction be completed within three years. In situations where the magnitude and complexity of the project require it, the Agency may issue a construction permit, requiring completion within a period not to exceed five years.
- b) No operating permit shall have duration in excess of five years. All operating permits other than those issued under Section 309.203 for newly constructed sewers shall have a duration not to exceed five years. The Agency may issue operating permits for as short a period of time as may be necessary in order to facilitate basin planning, to coordinate operating permits with future compliance deadlines, to maintain intensive control over new or experimental processes and to provide for emergency situations.

#### Section 309.243 Conditions

In addition to specific conditions authorized under this Subpart B, the Agency may impose such conditions in any permit issued pursuant to this Subpart B as may be necessary to accomplish the purposes of the Act, or this Chapter, or the CWA, provided such conditions are not inconsistent with this Chapter.

#### Section 309.244 Appeals from Conditions in Permits

An applicant may consider any condition imposed by the Agency in a permit issued pursuant to this Subpart B as a refusal by the Agency to grant the permit, which shall entitle the applicant to appeal the Agency's decision to the Board pursuant to Section 40 of the Act.

#### Section 309.261 Permit No Defense

Except as provided in Section 309.206, the issuance and possession of a permit under this Subpart B shall not constitute a defense to a

violation of the Act or this Chapter, except for construction or operation without a permit.

#### Section 309.262 Design, Operation and Maintenance Criteria

- a) The Agency may adopt procedures which set forth criteria for the design, operation, and maintenance of treatment works, pretreatment works, sewers, and wastewater sources. These procedures shall be revised from time to time to reflect current engineering judgment and advances in the state of the art. The Board notes that the Agency has adopted or is in the process of adopting "Design Criteria for Pressure Sewage Systems" 35 Ill. Adm. Code 374, "Recommended Standards for Sewage Works" 35 Ill. Adm. Code 370, and "Requirements for Design and Operation Manuals" 35 Ill. Adm. Code 371.

- b) The Agency shall adopt such procedures as are necessary for permit issuance under this Subpart B of Part 309.

(Source: Amended at 8 Ill. Reg. 1612, effective January 18, 1984)

#### Section 309.263 Modification of Permits

Any permit issued by the Agency under this Subpart B may be modified to make its provisions compatible with any new regulation adopted by the Board.

#### Section 309.264 Permit Revocation

- a) A permit issued under this Subpart B may be revoked for cause which includes, but is not limited to, the following:
- 1) Cause as set forth in Section 309.182(b); or
  - 2) Delinquency in payment of any charges which may be required to be paid under Section 204(b) of the Clean Water Act.
- b) Revocation may be sought by filing a complaint with the Board pursuant to Part 103 of the Procedural Rules.

(Source: Amended at 8 Ill. Reg. 1612, effective January 18, 1984)

#### Section 309.265 Approval of Federal Permits

The Agency shall not approve any effluent discharge for the purpose of any federal permit (other than an NPDES Permit issued by the Administrator), unless that discharge is in compliance with all provisions of the Act and this Chapter, has been granted a variance under Title IX of the Act, or is in compliance with all terms and conditions of an NPDES Permit.

#### Section 309.266 Procedures

In addition to procedures specifically authorized under this Part, the Agency may adopt

and promulgate all procedures reasonably necessary to perform its duties and responsibilities under this Chapter.

#### Section 309.281 Effective Date

- a) The effective date of this Subpart B shall be the date of filing with the Secretary of State on an emergency basis.
- b) Notwithstanding (a) above, Section 309.208 shall become effective at such time as the Agency adopts criteria to administer the permit program contained therein.

(Source: Amended at 5 Ill. Reg. 6384, effective May 28, 1981)

#### Section 309.282 Severability

If any provision of this Part 309 is adjudged invalid, or if the application thereof to any person or in any circumstance is adjudged invalid, such invalidity shall not affect the validity of this Part 309 as a whole or of any part, subpart, sentence or clause thereof not adjudged invalid.

#### Appendix References to Previous Rules

The following table is provided to aid in referencing old Board Rule numbers to section numbers pursuant to codification.

Chapter 3: Water Pollution 35 Ill. Admin. Code  
Part IX, Permits Part 309

Unnumbered Preamble	Section 309.101
Rule 901	Section 309.102
Rule 902	Section 309.103
Rule 902(i)	Section 309.104
Rule 902(j)	Section 309.105
Rule 903	Section 309.106
Rule 904	Section 309.107
Rule 905	Section 309.108
Rule 906(a)	Section 309.109(a)
Rule 906(b)	Section 309.109(b)
Rule 906(c)	Section 309.110
Rule 906(d)	Section 309.111(a)
Rule 906(e)	Section 309.111(b)
Rule 906(f)	Section 309.112
Rule 907	Section 309.113
Rule 908	Section 309.114
Rule 909(a)	Section 309.115(a)
	and (b)
Rule 909(b)	Section 309.115(c)
Rule 909(c)	Section 309.115(d)
Rule 909(d)	Section 309.115(e)
Rule 909(e)	Section 309.116
Rule 909(f)	Section 309.117
Rule 909(g)	Section 309.118
Rule 909(h)	Section 309.119
Rule 910(a)	Section 309.141
Rule 910(b)	Section 309.142
Rule 910(c)	Section 309.143
Rule 910(d)	Section 309.144
Rule 910(e)	Section 309.145
Rule 910(f)	Section 309.146
Rule 910(g)	Section 309.147
Rule 910(h)	Section 309.148

Rule 910(i)	Section 309.149
Rule 910(j)	Section 309.150
Rule 910(k)	Section 309.151
Rule 910(l)	Section 309.152
Rule 910(m)	Section 309.153
Rule 910(n)	Section 309.154
Rule 911	Section 309.181
Rule 912	Section 309.182
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Rule 914	Section 309.184
Rule 915	Section 309.185
Rule 916	Section 309.191
Rule 918	Section 309.156
Rule 949	Section 309.155
Unnumbered Preamble	Section 309.201
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Rule 951	Section 309.202
Rule 952	Section 309.203
Rule 953	Section 309.204
Rule 954	Section 309.205
Rule 955	Section 309.206
Rule 956	Section 309.207
Rule 957	Section 309.221
Rule 958	Section 309.222
Rule 959	Section 309.223
Rule 960	Section 309.224
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Rule 966	Section 309.261
Rule 967	Section 309.262
Rule 968	Section 309.263
Rule 969	Section 309.264
Rule 970	Section 309.265
Rule 971	Section 309.266
Rule 972	Section 309.281
Rule 973	Section 309.282

**TITLE 35: ENVIRONMENTAL PROTECTION**

**SUBTITLE C: WATER POLLUTION**

**CHAPTER I: POLLUTION CONTROL BOARD**

**PART 310  
PRETREATMENT PROGRAMS**

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- 310.906 User Responsibility in Case of Upset

**AUTHORITY:** Authorized by and implementing Section 13.3 of the Environmental Protection Act, as amended by P.A. 84-1320, effective September 4, 1986 (Supp. to Ill. Rev. Stat. 1985 ch. 111 1/2, par. 1013.3).

**SOURCE:** Adopted in R86-44 at 12 Ill. Reg. 2502, effective January 13, 1988.

#### SUBPART A: GENERAL PROVISIONS

##### Section 310.101 Applicability

- a) This Section is intended as a general guide to persons using these rules and does not supersede more specific requirements contained in the body of the rules.
- b) This Part includes the following provisions:
  - 1) Requirements for submission to the Agency of pretreatment programs by publicly owned treatment works (POTW's). (Section 310.501 et seq.)
  - 2) Requirements with which persons discharging to sewers must comply. (Section 310.201 et seq.)
  - 3) Requirements for prior approval by the control authority of certain discharges to a sewer. The control authority may be either:
    - A) The POTW pursuant to an approved program; or
    - B) The Agency in the absence of an approved program. (Section 310.400 et seq.)

##### Section 310.102 Objectives

This Part satisfies the requirement of Section 13.3 of the Environmental Protection Act (Act) (Supp. to Ill. Rev. Stat. 1985 ch. 111 1/2, par. 1013.3) that the Board adopt rules which are identical in substance with United States Environmental Protection Agency (USEPA) regulations implementing the pretreatment requirements of the Clean Water Act. This Part is intended:

- a) To prevent the introduction into POTW's of pollutants which will interfere with the operation of the POTW, or which will interfere with the use or disposal of its sludge;
- b) To prevent the introduction of pollutants into POTW's which will pass through the treatment works or which will otherwise be incompatible with such works; and

- c) To improve the opportunities to recycle and reclaim municipal and industrial wastewaters and sludges.

(Board Note: Derived from 40 CFR 403.2 (1986))

##### Section 310.103 Federal Law

- a) The Board intends that this Part be identical in substance with the pretreatment requirements of the Clean Water Act (33 USC 1251 et seq.) and United States Environmental Protection Agency (USEPA) regulations at 40 CFR 401 et seq. (1986).
- b) This Part will allow the Agency to issue pretreatment permits, review POTW pretreatment plans and authorize POTW's to issue authorizations to discharge to industrial users when and to the extent USEPA authorizes the Illinois pretreatment program pursuant to the Clean Water Act. After authorization the requirements of the Clean Water Act and 40 CFR 401 et seq. will continue in Illinois. In particular, USEPA will:
  - 1) Retain the right to request information pursuant to 40 CFR 403.8(f) (1986); and
  - 2) Retain the right to inspect and take samples pursuant to 40 CFR 403.12(1).
- c) This Part shall not be construed as exempting any person from compliance, prior to authorization of the Illinois pretreatment program, with the pretreatment requirements of the Clean Water Act, USEPA regulations and NPDES permit conditions.
- d) POTW pretreatment programs which have been approved by USEPA pursuant to 40 CFR 403 will be deemed approved pursuant to this Part, unless the Agency determines that it is necessary to modify the POTW pretreatment program to be consistent with State law.
  - 1) The Agency shall notify the POTW of any such determination within 60 days after approval of the program by USEPA, or within 60 days after USEPA authorizes the Illinois pretreatment program, whichever is later.
  - 2) If the Agency so notifies the POTW, the POTW will apply for program approval pursuant to Section 310.501 et seq.
- e) USEPA's access to Agency records and information in possession of the Agency shall be governed by the memorandum of agreement between USEPA and the Agency, subject to confidentiality requirements in Section 310.105.

##### Section 310.104 State Law

- a) 35 Ill. Adm. Code 307 includes three types of prohibitions and pretreatment standards:

- 1) Prohibitions, including prohibitions adopted by USEPA at 40 CFR 403.5 and more stringent prohibitions adopted by the Board (35 Ill. Adm. Code 307.1101);
  - 2) National pretreatment standards adopted by USEPA at 40 CFR 405 et seq., and incorporated by reference by the Board (35 Ill. Adm. Code 307.1501 et seq.);
  - 3) More stringent concentration-based standards adopted by the Board (35 Ill. Adm. Code 307.1102 and 307.1103).
- b) For subcategories for which there are both categorical pretreatment standards and concentration-based standards adopted by the Board for a pollutant, the control authority shall apply the standard which is more stringent as applied to the discharge.

(Board Note: Derived from 40 CFR 403.4 (1986))

#### Section 310.105 Confidentiality

- a) Information and data provided to the control authority pursuant to this Part which is effluent data shall be available to the public without restriction.
- b) With respect to the Board and Agency, confidentiality shall be governed by 35 Ill. Adm. Code 120 and 161.
- c) The Agency and POTW's shall make information available to the public at least to the extent provided by 40 CFR 2.302, incorporated by reference in Section 310.107.

(Board Note: Derived from 40 CFR 403.14 (1986))

#### Section 310.107 Incorporations by Reference

- a) The following publications are incorporated by reference:

The consent decree in NRDC v. Costle, 12 Environment Reporter Cases 1833.

Standard Industrial Classification Manual (1972), and 1977 Supplement, republished in 1983, available from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20401.

- b) The following provisions of the Code of Federal regulations are incorporated by reference:

40 CFR 2.302 (1986)

40 CFR 25 (1986)

40 CFR 122, Appendix D, Tables 11 and 111 (1986)

40 CFR 136 (1987)

40 CFR 403 (1986)

40 CFR 403, Appendix D (1986)

- c) The following federal statutes are incorporated by reference:

18 USC 1001, as of July 1, 1987

Clean Water Act, 33 USC 1251 et seq., as of July 1, 1987

Subtitles C and D of the Resource Conservation and Recovery Act, 42 USC 6901, as of July 1, 1987

- d) This Part incorporates no future editions or amendments.

#### Section 310.110 Definitions

"Act" means the Environmental Protection Act, as amended by P.A. 84-1320, effective September 4, 1986 (Ill. Rev. Stat. 1985 ch. 111 1/2, par. 1001 et seq., and Ill. Rev. Stat. 1986 Supp., ch. 111 1/2, par 1013.3)

"Agency" means the Illinois Environmental Protection Agency.

"Approval Authority" means the Agency.

(Board Note: Derived from 40 CFR 403.3(c) (1986))

"Approved POTW Pretreatment Program" or "Program" or "POTW Pretreatment Program" means a program administered by a POTW which has been approved by the Agency in accordance with Sections 310.541 through 310.546.

(Board Note: Derived from 40 CFR 403.3(d) (1986))

"Authorization to discharge" means an authorization issued to an industrial user by a POTW which has an approved pretreatment program. The authorization may consist of a permit, license, ordinance or other mechanism as specified in the approved pretreatment program.

"Blowdown" means the minimum discharge of recirculating water for the purpose of discharging materials contained in the water, the further buildup of which would cause concentration in amounts exceeding limits established by best engineering practice

(Board Note: Derived from 40 CFR 401.11(p) (1986))

"Board" means the Illinois Pollution Control Board.

"CWA" means Federal Water Pollution Control Act, also known as the Clean Water Act, as amended, incorporated by reference in Section 310.107.

(Board Note: Derived from 40 CFR 403.3(b) (1986))

"Control authority" is as defined in Section 310.601.

"Indirect Discharge" or "Discharge" means the introduction of pollutants into a POTW from any non-domestic source regulated under Section

307(b), (c) or (d) of the CWA (33 USC 1317(b), (c) or (d)).

(Board Note: Derived from 40 CFR 403.3(g) (1986))

"Industrial User" or "User" means a source of indirect discharge. As used in this Part, an "industrial user" includes any person who meets any of the following criteria:

Discharges toxic pollutants as defined by 35 Ill. Adm. Code 307.1005.

Is subject to a categorical standard adopted or incorporated by reference in 35 Ill. Adm. Code 307.

Discharges more than 15% of the total hydraulic flow received by the POTW treatment plant.

Discharges more than 15% of the total biological loading of the POTW treatment plant as measured by the 5-day biochemical oxygen demand.

Has caused pass through or interference. Or,

Has presented an imminent endangerment to the health or welfare of persons.

(Board Note: Derived from 40 CFR 403.3(h) (1986))

"Industrial wastewater" means waste of a liquid nature discharged by an industrial user to a sewer tributary to a POTW.

"Interference" means a discharge which, alone or in conjunction with a discharge or discharges from other sources, both:

Inhibits or disrupts the POTW, its treatment processes or operations, or its sludge processes, use or disposal; and

Therefore is a cause of a violation of any requirement of the POTW's NPDES permit (including an increase in the magnitude or duration of a violation) or of the prevention of sewage sludge disposal in compliance with any "sludge requirements."

(Board Note: Derived from 40 CFR 403.3(i) (1986), as amended at 52 Fed. Reg. 1600, January 14, 1987)

"Municipal sewage" is sewage treated by a POTW exclusive of its industrial component.

"Municipal sludge" is sludge produced a POTW treatment works. "Municipality." See "unit of local government."

"New source" means any building, structure, facility or installation from which there is or may be a discharge of pollutants, the construction of which commenced after the date specified in 35 Ill. Adm. Code 307 for that category or subcategory.

(Board Note: Derived from 40 CFR 401.11(c) and 403.3(k) (1986))

"Noncontact cooling water" means water used for cooling which does not come into direct contact with any raw material, intermediate product, waste product or finished product.

(Board Note: Derived from 40 CFR 401.11(n) (1986))

"Noncontact cooling water pollutants" means pollutants present in noncontact cooling waters.

(Board Note: Derived from 40 CFR 401.11(o) (1986))

"NPDES Permit" means a permit issued to a POTW pursuant to Section 402 of the CWA, or Section 12(f) of the Act and 35 Ill. Adm. Code 309.Subpart A.

(Board Note: Derived from 40 CFR 403.3(i) (1986))

"O and M" means operation and maintenance.

"Pass through" means a discharge of pollutants which exits the POTW into waters of the State in quantities or concentrations which, alone or in conjunction with a discharge or discharges from other sources, is a cause of a violation of any requirement of the POTW's NPDES permit (including an increase in the magnitude or duration of a violation).

(Board Note: Derived from 40 CFR 403.3(n) (1986), as amended at 52 Fed. Reg. 1600, January 14, 1987)

"Person" means an individual, corporation, partnership, association, State, "unit of local government" or any interstate body. This term includes the United States government, the State of Illinois and their political subdivisions.

(Board Note: Derived from 40 CFR 401.11(m) (1986) and 33 USC 1362(5))

"Pollutant" means dredged spoil, solid waste, incinerator residue, sewage, garbage, sewage sludge, munitions, chemical wastes, biological materials, radioactive materials, heat, wrecked or discarded equipment, rock, sand, cellar dirt and industrial, municipal and agricultural waste discharged into a sewer.

(Board Note: Derived from 40 CFR 401.11(f) (1986))

"Pollution" means the man-made or man-induced alteration of the chemical, physical, biological and radiological integrity of water.

(Board Note: Derived from 40 CFR 401.11(g) (1986))

"POTW" means "Publicly Owned Treatment Works," which is defined below.

"POTW Treatment Plant" means that portion of the POTW which is designed to provide treatment (including recycling and reclamation) of municipal sewage and industrial wastewater.

(Board Note: Derived from 40 CFR 403.3(p) (1986))

"Pretreatment" means the reduction of the amount of pollutants, the elimination of pollutants or the alteration of the nature of pollutant properties in wastewater prior to or in lieu of discharging or otherwise introducing such pollutants into a POTW. The reduction or alteration may be obtained by physical, chemical or biological processes, process changes or by other means, except as prohibited by Section 310.232. Appropriate pretreatment technology includes control equipment, such as equalization tanks or facilities, for protection against surges or slug loadings which might interfere with or otherwise be incompatible with the POTW. However, where wastewater from a regulated process is mixed in an equalization facility with unregulated wastewater or with wastewater from another regulated process, the effluent from the equalization facility must meet an adjusted pretreatment limit calculated in accordance with Section 310.233.

(Board Note: Derived from 40 CFR 403.3(g) (1986))

"Pretreatment permit" means an authorization to discharge to a sewer which is issued by the Agency as the control authority.

"Pretreatment requirements" means any substantive or procedural requirement related to pretreatment, other than a pretreatment standard, imposed on an industrial user.

(Board Note: Derived from 40 CFR 403.3(r) (1986))

"Pretreatment standard," or "standard" means any regulation containing pollutant discharge limits promulgated by USEPA, and incorporated by reference in 35 Ill. Adm. Code 307. This term includes prohibitive discharge limits established pursuant to Section 310.201 through 310.213 or 35 Ill. Adm. Code 307.1101. This term also includes more stringent prohibitions and standards adopted by the Board in this Part or 35 Ill. Adm. Code 307, including 35 Ill. Adm. Code 307.1101, 307.1102 and 307.1103. The term also includes local limits pursuant to Section 310.211 which are a part of an approved pretreatment program.

(Board Note: Derived from 40 CFR 403.3(j) (1986))

"Process wastewater" means any water which, during manufacturing or processing, comes into direct contact with or results from the production or use of any raw material, intermediate product, finished product, by-product or waste product.

(Board Note: Derived from 40 CFR 401.11(g) (1986))

"Process wastewater pollutants" means pollutants present in process wastewater.

(Board Note: Derived from 40 CFR 401.11(r) (1986))

"Publicly owned treatment works" or "POTW" means a "treatment works" which is owned by a "unit of local government." This definition includes any

devices and systems used in the storage, treatment, recycling and reclamation of municipal sewage or industrial wastewater. It also includes sewers, pipes and other conveyances only if they convey wastewater to a POTW treatment plant. The term also means the "unit of local government" which has jurisdiction over the indirect discharges to and the discharges from such a treatment works.

(Board Note: Derived from 40 CFR 403.3(o) (1986))

"Schedule of compliance" means a schedule of remedial measures included in an authorization to discharge or a pretreatment permit, or an NPDES permit, including an enforceable sequence of interim requirements (for example, actions, operations or milestone events) leading to compliance with this Part and 35 Ill. Adm. Code 307. A schedule of compliance does not protect an industrial user or POTW from enforcement.

(Board Note: Derived from 40 CFR 401.11(m) (1986) and 33 USC 1362(17))

"Sludge requirements" means any of the following permits or regulations: 35 Ill. Adm. Code 309.208 (Permits for Sites Receiving Sludge for Land Application), 703.121 (RCRA Permits), 807.202 (Solid Waste Permits), the Toxic Substances Control Act (15 USC 2601) or the Marine Protection, Research and Sanctuaries Act (33 USC 1401).

(Board Note: Derived from 40 CFR 403.3(i) (1986), as amended at 52 Fed. Reg. 1600, January 14, 1987, and 403.7(a) (1986))

"Submission" means a request to the Agency by a POTW for approval of a pretreatment program, or for authorization to grant removal credits.

(Board Note: Derived from 40 CFR 403.3(t) (1986))

"Treatment works" is as defined in 33 USC 1292(2) (1986). It includes any devices and systems used in the storage, treatment, recycling and reclamation of municipal or industrial wastewater to implement 33 USC 1281, or necessary to recycle or reuse water at the most economical cost over the estimated life of the works, including intercepting sewers, outfall sewers, sewage collection systems, pumping, power and other equipment.

(Board Note: Derived from 40 CFR 403.3(o) (1986) and 33 USC 1292(2))

"Unit of local government" means a unit of local government, as defined by Art. 7, Sec. 1 of the Illinois Constitution, having jurisdiction over disposal of sewage. "Unit of local government" includes, but is not limited to, municipalities and sanitary districts.

(Board Note: Derived from 40 CFR 401.11(m) (1986) and 33 USC 1362(4))

"USEPA" means the United States Environmental Protection Agency.

## SUBPART B: PRETREATMENT STANDARDS

### Section 310.201 General Prohibitions

- a) No industrial user shall introduce into a POTW any pollutant which causes pass through or interference.
- b) Affirmative defenses. An industrial user has an affirmative defense in any action brought against it alleging a violation of subsection (a) or 35 Ill. Adm. Code 307.Subpart B if the industrial user demonstrates:

1) The industrial user did not know or have reason to know that its discharge, alone or in conjunction with a discharge or discharges from other sources, would cause pass through or interference; and

2) Either:

A) The POTW developed in accordance with Section 310.210 a local limit which was designed to prevent pass through or interference for each pollutant in the industrial user's discharge which caused pass through or interference, and the industrial user was in compliance with each such local limit immediately prior to and during the pass through or interference, or

B) If the POTW has not developed in accordance with Section 310.210 local limits which are designed to prevent pass through or interference for the pollutants which caused the pass through or interference, the industrial user's discharge immediately prior and during the pass through or interference did not change substantially in nature or constituents from the industrial user's prior discharge activity during which the POTW was regularly in compliance with the POTW's NPDES permit requirements and, in the case of interference, sludge requirements.

- c) These general prohibitions and the specific prohibitions in Section 310.202 apply to each industrial user introducing pollutants into a POTW whether or not the industrial user is subject to other pretreatment standards or any national, state or local pretreatment requirements.

(Board Note: Derived from 40 CFR 403.5(a) (1986), as amended at 52 Fed. Reg. 1600, January 14, 1987)

### Section 310.202 Specific Prohibitions

No person shall cause or allow the introduction into a POTW of the pollutants specified in 35 Ill. Adm. Code 307 Subpart B.

(Board Note: Derived from 40 CFR 403.5(b) (1986))

### Section 310.210 Specific Limits Developed by POTW

- a) Each POTW which is required to develop a pretreatment program shall, as part of the program, develop and enforce specific limits to implement the prohibitions listed in Sections 310.201(a) and 310.202.
- b) POTW's which are not required to develop a pretreatment program shall, in cases where pollutants contributed by one or more industrial users result in interference or pass through, and such violation is likely to recur, develop and enforce specific discharge limits for industrial users, which, together with appropriate changes in the POTW treatment plant's facilities or operation, are necessary to ensure renewed and continued compliance with the POTW's NPDES permit, and sludge requirements.

- c) Prior to developing specific discharge limits, POTW's shall give, to persons or groups which have requested notice, individual notice and an opportunity to respond.

- d) The POTW shall base limitations developed pursuant to this Section on the characteristics and treatability of the wastewater by the POTW, effluent limitations which the POTW must meet, sludge requirements, water quality standards in the receiving stream and the pretreatment standards and requirements of this Part and 35 Ill. Adm. Code 307.

(Board Note: Derived from 40 CFR 403.5(c) (1986), as amended at 52 Fed. Reg. 1600, January 14, 1987)

### Section 310.211 Local Limits

If a POTW develops, in accordance with Section 310.210, specific prohibitions or limits on pollutants, or pollutant parameters, such limits shall be deemed pretreatment standards for the purposes of this Part.

(Board Note: Derived from 40 CFR 403.5(d) (1986))

### Section 310.220 Categorical Standards

Pretreatment standards specifying quantities or concentrations of pollutants or pollutant properties which may be discharged to a POTW by existing or new industrial users in specific industrial subcategories will be established as separate regulations under 35 Ill. Adm. Code 307. These standards, unless specifically noted otherwise, shall be in addition to the general prohibitions established in Sections 310.201 through 310.211.

(Board Note: Derived from 40 CFR 403.6 (1986))

Section 310.221 Category Determination Request

a) Application deadline.

- 1) The industrial user or POTW may request that the Agency provide written certification as to whether the industrial user falls within that particular subcategory. If an existing industrial user adds or changes a process or operation which may be included in a subcategory, the existing industrial user shall request this certification prior to commencing discharge from the added or changed processes or operation. With respect to new standards:

- A) The POTW or industrial user shall direct to USEPA any category determination requests for pretreatment standards adopted by USEPA prior to authorization of the Illinois program.
- B) After authorization of the Illinois program, the POTW or industrial user shall direct to the Agency any category determination requests within 60 days after the Board adopts or incorporates by reference a pretreatment standard for a subcategory under which an industrial user may be included.

- 2) A new source shall request this certification prior to commencing discharge.
- 3) If a request for certification is submitted by a POTW, the POTW shall notify any affected industrial user of such applications. The industrial user may provide written comments on the POTW submissions to the Agency within 30 days of notification.

b) Contents of application. Each request shall contain a statement:

- 1) Describing which subcategories might be applicable; and
- 2) Citing evidence and reasons why a particular subcategory is applicable and why others are not applicable. Any person signing the application statement submitted pursuant to this Section shall make the following certification:

I have personally examined and am familiar with the information submitted in the attached document, and I hereby certify under penalty of law that this information was obtained in accordance with the requirements of Section 310.221. Moreover, based upon my inquiry of those individuals immediately responsible for obtaining the information reported herein, I believe that the submitted information is true, accurate and complete. I am aware that there are

significant penalties for submitting false information, including the possibility of fine and imprisonment.

- c) Deficient requests. The Agency shall act only on written requests for determinations which contain all of the information required. The Agency shall notify persons who have made incomplete submissions that their requests are deficient and that, unless the time period is extended, they have 30 days to correct the deficiency. If the deficiency is not corrected within 30 days, or within an extended period allowed by the Agency, the Agency shall deny the request for a determination.

d) Final determination.

- 1) When the Agency receives a submission, the Agency shall, if it determines that the submission contains all of the information required by subsection (b), consider the submission, any additional evidence that may have been requested and any other available information relevant to the request. The Agency shall then make a written determination of the applicable subcategory and state the reasons for the determination.
- 2) The Agency shall forward the determination described in subsection (d)(1) to USEPA. If USEPA does not modify the Agency's decision within 60 days after its receipt, the Agency's decision is final.
- 3) If USEPA modifies the Agency's decision, USEPA's decision will be final.
- 4) The Agency shall send a copy of the determination to the affected industrial user and the POTW. If the final determination is made by USEPA, the Agency shall send a copy of the determination to the user.

e) Requests for hearing or legal decision.

- 1) Within 30 days following the date of receipt of notice of the final determination as provided for by subsection (d)(4), the requester may submit a petition to reconsider or contest the decision to USEPA, which will act pursuant to 40 CFR 403.6(a)(5).
- 2) Within 35 days following the date of receipt of notice of the final determination as provided for by subsections (c), (d)(2) or (d)(4), the requester may appeal a final decision made by the Agency to the Board.

(Board Note: Derived from 40 CFR 403.6(a) (1986))

Section 310.222 Deadline for Compliance with Categorical Standards

- a) If a compliance date for a categorical pretreatment standard is adopted or

incorporated by reference in 35 Ill. Adm. Code 307, then industrial users shall comply with the standard by the following times, whichever is last:

- 1) The date specified or incorporated by reference; or
  - 2) The date the Board adopts or incorporates the standard by reference; or
  - 3) The date USEPA approves the Illinois pretreatment program.
- b) If no compliance date for a categorical pretreatment standard is adopted or incorporated by reference in 35 Ill. Adm. Code 307, then industrial users shall comply with the standard by the following times, whichever is last:
- 1) The date the Board adopts or incorporates the standard by reference; or
  - 2) The date USEPA approves the Illinois pretreatment program.
- c) This Section shall not be construed as extending compliance dates for enforcement of categorical pretreatment standards pursuant to statutes and regulations existing prior to authorization of the Illinois pretreatment program.

(Board Note: Derived from 40 CFR 403.6(b) (1986))

#### Section 310.230 Concentration and Mass Limits

Pollutant discharge limits in categorical pretreatment standards will be expressed either as concentration or mass limits. Limits in categorical pretreatment standards shall apply to the discharge from the process regulated by the standard, or as otherwise specified by the standard.

(Board Note: Derived from 40 CFR 403.6(c) (1986))

#### Section 310.232 Dilution

Except where expressly authorized to do so by an applicable categorical pretreatment standard, no industrial user shall increase the use of process water or, in any other way, attempt to dilute a discharge as a partial or complete substitute for adequate treatment to achieve compliance with a pretreatment standard. The control authority may impose mass limitations on industrial users which are using dilution to meet applicable pretreatment standards, or in other cases where the imposition of mass limitations is appropriate. POTW's may allow dilution to meet local limits developed under Section 310.210.

(Board Note: Derived from 40 CFR 403.6(d) (1986))

#### Section 310.233 Combined Wastestream Formula

Where process wastewater is mixed prior to treatment with wastewaters other than those generated by the regulated process, the control authority shall derive fixed alternative discharge limits, which the control authority shall apply to the mixed discharge. When it is deriving alternative categorical limits, the control authority shall calculate both an alternative daily maximum value using the daily maximum values specified in the appropriate categorical pretreatment standards and an alternative consecutive sampling day average value using the average monthly values specified in the appropriate categorical pretreatment standards. The industrial user shall comply with the alternative daily maximum and average monthly limits fixed by the control authority until the control authority modifies the limits or approves an industrial user modification request. Modification is authorized whenever there is a material or significant change in the values used in the calculation to fix alternative limits for the regulated pollutant. An industrial user shall immediately report any such material or significant change to the control authority. Where appropriate, the control authority shall calculate new alternative categorical limits within 30 days.

a) Alternative limit calculation. For purposes of these formulas, the "average daily flow" means a reasonable measure of the average daily flow for a 30-day period. For new sources, flows shall be estimated using projected values. The control authority shall derive the alternative limit for a specified pollutant by the use of either of the following formulas:

- 1) Alternative concentration limit.

$$C = (T-D) \text{SUM}(C_i F_i) / (T) \text{SUM}(F_i)$$

where

C = The alternative concentration limit for the combined wastestream.

C<sub>i</sub> = The categorical pretreatment standard concentration limit for a pollutant in the regulated stream i.

F<sub>i</sub> = The average daily flow (at least a 30-day average) of stream i to the extent that it is regulated for such pollutant.

"SUM(G<sub>i</sub>)" means the sum of the results of calculation G for streams i = 1 to i = N.

N = The total number of regulated streams.

T = The average daily flow (at least a 30-day average) through the combined pretreatment facility (includes F<sub>i</sub>, D and unregulated streams).

D = The average daily flow (at least a 30-day average) from:

- A) Boiler blowdown streams and non-contact cooling streams, subject to the proviso of subsection (d); and
- B) Sanitary wastestreams where such wastestreams are not regulated by a categorical pretreatment standard; and,
- C) From any process wastestreams which were or could have been entirely exempted from categorical pretreatment standards as specified in subsection (e).

2) Alternative mass limit.

$$M = (T-D) \text{SUM}(M_i) / \text{SUM}(F_i)$$

where

M = The alternative mass limit for a pollutant in the combined wastestream.

M<sub>i</sub> = The categorical pretreatment standard mass limit for a pollutant in the regulated stream i (the categorical pretreatment mass limit multiplied by the appropriate measure of production).

F<sub>i</sub> = The average daily flow (at least a 30-day average) of stream i to the extent that it is regulated for such pollutant.

"SUM(G<sub>i</sub>)" means the sum of the results of calculation G for streams i = 1 to i = N.

N = The total number of regulated streams.

T = The average daily flow (at least a 30-day average) through the combined pretreatment facility (includes F<sub>i</sub>, D and unregulated streams.

D = The average daily flow (at least a 30-day average) from:

- A) Boiler blowdown streams and non-contact cooling streams, subject to the proviso of subsection (d); and
- B) Sanitary wastestreams where such wastestreams are not regulated by a categorical pretreatment standard; and,
- C) From any process wastestreams which were or could have been entirely exempted from categorical pretreatment standards as specified in subsection (e).

determined by reference to the self-monitoring requirements of the appropriate categorical pretreatment standards.

- 2) Where the self-monitoring schedules for the appropriate standards differ, monitoring shall be done according to the most frequent schedule.
- 3) Where flow determines the frequency of self monitoring in a categorical pretreatment standard, the sum of all regulated flows (F<sub>i</sub>) is the flow which shall be used to determine self-monitoring frequency.

d) Proviso to subsections (a)(1) and (a)(2). Where boiler blowdown and non-contact cooling streams contain a significant amount of a pollutant, and the combination of such streams, prior to pretreatment, with the industrial user's regulated process wastestreams will result in a substantial reduction of that pollutant, the control authority, upon application of the industrial user, shall determine whether such wastestreams should be classified as diluted or unregulated. In its application to the control authority, the industrial user shall provide engineering, production, sampling and analysis and such other information so the control authority can make its determination.

e) Exemptions from categorical pretreatment standards. Process wastestreams were or could have been entirely exempted from categorical pretreatment standards pursuant to paragraph 8 of the NRDC v. Costle consent decree, incorporated by reference in Section 310.107, for one or more of the following reasons (see 40 CFR 403, Appendix D, incorporated by reference in Section 310.107.):

- 1) The pollutants of concern are not detectable in the discharge from the industrial user;
- 2) The pollutants of concern are present only in trace amounts and are neither causing nor are likely to cause toxic effects;
- 3) The pollutants of concern are present in amounts too small to be effectively reduced by technologies known to USEPA;
- 4) The wastestream contains only pollutants which are compatible with the POTW.

(Board Note: Derived from 40 CFR 403.6(e) (1986))

#### SUBPART C: REMOVAL CREDITS

##### Section 310.301 Special Definitions

For purposes of this Subpart:

"Consistent removal" means the average of the lowest 50% of the removals measured according to Section 310.311. All sample data obtained for

- b) Alternative limits below detection. An alternative pretreatment limit shall not be used if the alternative limit is below the analytical detection limit for any of the regulated pollutants.
- c) Self-monitoring. Self-monitoring required to insure compliance with the alternative categorical limit shall be as follows:
  - 1) The type and frequency of sampling, analysis and flow measurement shall be



the measured pollutant during the time period prescribed in Section 310.311 must be reported and used in computing consistent removal. If a substance is measurable in the influent but not in the effluent, the effluent level may be assumed to be the limit of measurement, and those data may be used by the POTW at its discretion and subject to approval by the Agency. If the substance is not measurable in the influent, the data may not be used. Where the number of samples with concentrations equal to or above the limit of measurement is between eight and twelve, the average of the lowest six removals must be used. If there are less than eight samples with concentrations equal to or less than the limit of measurement, the Agency may approve alternate means of demonstrating consistent removal. "Measurement" refers to the ability of the analytical method or protocol to quantify as well as identify the presence of the substance in question.

(Board Note: Derived from 40 CFR 403.7 (1986), as modified to reflect NRDC v. USEPA, 790 F.2d 289 (Third Circuit, 1986))

"Industrial user" means industrial user or users, as is appropriate from the context.

"Overflow" means the intentional or unintentional diversion of flow from the POTW before the POTW treatment plant.

(Board Note: Derived from 40 CFR 403.7 (1986), as modified to reflect NRDC v. USEPA, 790 F.2d 289 (Third Circuit, 1986))

"Removal" means a reduction in the amount of a pollutant in the POTW's effluent or alteration of the nature of a pollutant during treatment at the POTW. The reduction or alteration can be obtained by physical, chemical or biological means and may be the result of specifically designed POTW capabilities, or may be incidental to operation of the treatment system. Removal does not mean dilution of a pollutant in a POTW.

(Board Note: Derived from 40 CFR 403.7(a) (1986))

"Sludge requirements" is as defined in Section 310.110.

(Board Note: Derived from 40 CFR 403.7(a) (1986))

"Standard" means standard or standards as is appropriate from the context.

#### Section 310.302 Authority

Any POTW receiving wastes from an industrial user to which a categorical pretreatment standard applies may, at its discretion and subject to the conditions of this Subpart, grant removal credits to reflect removal by the POTW of pollutants specified in the categorical pretreatment standard. The POTW may grant a removal credit equal to, or at its discretion, less than its consistent removal rate. Upon being granted a removal credit, each affected industrial user shall calculate its revised discharge limits in accordance with Section 310.310. Removal credits shall be given

for indicator or surrogate pollutants regulated in a categorical pretreatment standard only if the categorical pretreatment standard so specifies.

(Board Note: Derived from 40 CFR 403.7(a)(2) (1986))

#### Section 310.303 Conditions for Authorization to Grant Removal Credits

The Agency shall authorize a POTW to grant removal credits only if the following conditions are met:

- a) The POTW applies for and receives authorization from the Agency to grant a removal credit in accordance with the requirements and procedures specified in Sections 310.330 and 310.340.
- b) The POTW demonstrates and continues to achieve consistent removal of the pollutant.
- c) The POTW has an approved pretreatment program in accordance with and to the extent required by this Part; provided, however, that a POTW which does not have an approved pretreatment program may, pending approval of such a program, give removal credits conditionally as provided in Section 310.330.
- d) The granting of removal credits will not cause the POTW to violate sludge requirements which apply to the sludge management method chosen by the POTW. ("Sludge requirements" is defined in Section 310.110). Alternatively, the POTW demonstrates to the Agency that even though it is not presently in compliance with applicable sludge requirements, it will be in compliance when each industrial user to whom the removal credit would apply is required to meet its categorical pretreatment standard as modified by the removal credit.
- e) The granting of removal credits will not cause a violation of the POTW's NPDES permit limitations or conditions. Alternatively, the POTW demonstrates to the Agency that even though it is not presently in compliance with applicable limitations and conditions in its NPDES permit, it will be in compliance when each industrial user to whom the removal credit would apply is required to meet its categorical pretreatment standard, as modified by the removal credit.

(Board Note: Derived from 40 CFR 403.7(a)(3) (1986))

#### Section 310.310 Calculation of Revised Discharge Limits

Revised discharge limits for a specific pollutant shall be derived by use of the following formula:

$$y = 100x / (100 - r)$$

where:

x = Pollutant discharge limit specified in the applicable categorical pretreatment standard

r = Removal credit for that pollutant as established pursuant to Section 310.311 (percentage removal expressed as a percent, that is, a number between 0 and 100);

y = Revised discharge limit for the specified pollutant (expressed in same units as x).

(Board Note: Derived from 40 CFR 403.7(a)(4) (1986))

#### Section 310.311 Demonstration of Consistent Removal

The Agency shall authorize a POTW to grant a removal credit that does not exceed the POTW's consistent removal rate. In order to demonstrate consistent removal, the POTW shall, for each pollutant with respect to which removal credit authorization is sought, collect influent and effluent data and calculate consistent removal in accordance with the following requirements. As a condition of retaining removal credits authorization, the POTW's consistent removal must continue to be equal or greater than the removal credit.

a) Representative data: Seasonal. The data must be representative of yearly and seasonal conditions to which the POTW is subjected for each pollutant for which a discharge limit revision is proposed.

b) Representative data: Quality and quantity. The data must be representative of the quality and quantity of normal effluent and influent flow if such data can be obtained. If such data are unobtainable, alternate data or information may be presented for approval to demonstrate consistent removal.

c) Sampling procedures:

1) Composite. The influent and effluent operational data must be obtained through 24-hour flow-proportional composite samples. Sampling may be done manually or automatically, and discretely or continuously. For discrete sampling, at least 12 aliquots must be composited. Discrete sampling may be flow-proportioned either by varying the time interval between each aliquot or the volume of each aliquot. All composites must be flow-proportional to either stream flow at time of collection of influent aliquot or to the total influent flow since the previous influent aliquot. Volatile pollutant aliquots must be combined in the laboratory immediately before analysis.

2) Number of samples.

A) Twelve samples must be taken at approximately equal intervals throughout one full year. Sampling

must be evenly distributed over the days of the week so as to include non-workdays. If the Agency determines that this schedule will not be most representative of the actual operation of the POTW treatment plant, the Agency shall approve an alternative sampling schedule.

B) Upon concurrence of the Agency, a POTW may utilize a historical data base amassed during the three years immediately preceding the application, provided that such data otherwise meet the requirements of this Section. In order for the historical data base to be approved, it must present a statistically valid description of daily, weekly and seasonal sewage treatment plant loadings and performance for at least one year.

3) Effluent sample collection need not be delayed to compensate for hydraulic detention unless the POTW elects to include detention time compensation or unless the Agency requires detention time compensation. The Agency shall require that each effluent sample be taken approximately one detention time later than the corresponding influent sample when failure to do so would result in an unrepresentative portrayal of actual POTW operation. The detention period must be based on a 24 hour average daily flow value. The average daily flow used must be based upon the average of the daily flows during the same month of the previous year.

d) Sampling procedures: Grab. Where composite sampling is not an appropriate sampling technique, one or more grab samples shall be taken to obtain influent and effluent operational data. Collection of influent grab samples must precede collection of effluent samples by approximately one detention period. A detention period is to be based on a 24-hour average daily flow value. The average daily flow used must be based upon the average of the daily flows during the same month of the previous year. Grab samples are required, for example, where the parameters being evaluated are those such as cyanide and phenol, which may not be held for any extended period because of biological, chemical or physical interactions which take place after sample collection and affect the results. A grab sample is an individual sample collected over a period of time not exceeding 15 minutes.

e) Analytical methods. The POTW shall analyze the samples for pollutants in accordance with the analytical techniques prescribed in 35 I11. Adm. Code 307.1003. If 35 I11. Adm. Code 307.1003 does not reference analytical techniques for the pollutant in questions, or if USEPA determines, as provided in Section 310.602, that the 35 I11. Adm. Code 307.1003 analytical techniques are inappropriate, the

analysis shall be performed using validated analytical methods or any other applicable analytical procedures approved by USEPA, including procedures suggested by the POTW.

- f) Calculation of removal. All data acquired under provisions of this Subpart must be submitted to the Agency. Removal for the specific pollutant must be determined for each sample by measuring the difference between the concentrations of the pollutant in the influent and effluent of the POTW and expressing the difference as a percent of the influent concentration. Where such data cannot be obtained, the POTW may demonstrate removal using other data or procedures subject to concurrence by the Agency.

(Board Note: Derived from 40 CFR 403.7(b) (1986), as modified to reflect NRDC v. USEPA, 790 F.2d 289 (Third Circuit, 1986))

#### Section 310.312 Provisional Credits

For pollutants which are not currently being discharged (new or modified facilities, or production changes) the POTW may apply for provisional authorization to revise the applicable categorical pretreatment standard prior to initial discharge of the pollutant. Consistent removal may be based provisionally on data from treatability studies or demonstrative removal at other treatment facilities where the quality and quantity of influent are similar. In calculating and applying for provisional removal allowances, the POTW shall comply with provisions of this Subpart. The POTW shall demonstrate consistent removal within 18 months after the commencement of discharge of the pollutants in question. If, within 18 months after the commencement of the discharge of the pollutant in question, the POTW cannot demonstrate consistent removal pursuant to Section 310.311, the Agency shall terminate the authority to grant removal credits, and all industrial users to whom the revised discharge limits had been applied shall achieve compliance with the applicable categorical pretreatment standards within a reasonable time, not to exceed the period of time prescribed in the standards, as the Agency shall specify.

(Board Note: Derived from 40 CFR 403.7(c) (1986))

#### Section 310.320 Compensation for Overflow

POTW's which overflow untreated wastewater to receiving waters one or more times in a year may claim consistent removal of a pollutant only by complying with subsection (a) or (b). However, this Section shall not apply where an industrial user demonstrates that overflow does not occur between the industrial user and the POTW treatment plant.

- a) The industrial user provides containment or otherwise ceases or reduces discharges from the regulated processes which contain the pollutant for which an allowance is requested during all circumstances in which an overflow event can reasonably be expected to occur at the POTW or at a sewer to which the

industrial user is connected. Discharges must cease or be reduced, or pretreatment must be increased, to the extent necessary to compensate for the removal not being provided by the POTW. The Agency shall allow allowances under this subsection only if the POTW demonstrates to the Agency that:

- 1) All industrial users to which the POTW proposes to apply this subsection have demonstrated the ability to contain or otherwise cease or reduce, during circumstances in which an overflow event can reasonably be expected to occur, discharges from the regulated processes which contain pollutants for which an allowance is requested;
- 2) The POTW has identified circumstances in which an overflow event can reasonably be expected to occur, and has a notification or other viable plan to insure that industrial users will learn of an impending overflow in sufficient time to contain, cease or reduce discharging to prevent untreated overflows from occurring. The POTW shall also demonstrate that it will monitor and verify the data required in subsection (a)(3) to insure that industrial users are containing, ceasing or reducing operations during POTW system overflow; and
- 3) All industrial users to which the POTW proposes to apply this subsection have demonstrated the ability and commitment to collect and make available upon request by the POTW or the Agency daily flow reports or other data sufficient to demonstrate that all discharges from regulated processes containing the pollutant for which the allowance is requested were contained, reduced or otherwise stopped as appropriate during all circumstances in which an overflow event was reasonably expected to occur; or

#### b) Reduction in removal.

- 1) The consistent removal claimed is reduced pursuant to the following equation:

$$r = (8760 - z)m / 8760$$

where:

m = POTW's consistent removal rate for that pollutant as established under this Subpart.

r = Removal corrected by the overflow factor.

z = Hours per year that overflow occurred between the industrial user and the POTW treatment plant, the hours either to be shown in the POTW's current NPDES permit application or the hours, as demonstrated by verifiable techniques, that a particular industrial user's discharge overflows between the

industrial user and the POTW treatment plan.

2) Conditions for use of formula.

A) The POTW can claim consistent removal only where efforts to correct conditions resulting in untreated discharges by the POTW are underway and in accordance with its NPDES permit requirements. The POTW shall make revisions to discharge limits in categorical pretreatment standards only where the POTW has committed to efforts to minimize pollution from overflows. At a minimum, the POTW shall have completed the analysis required by its NPDES permit and be making an effort to implement the plan.

B) If a POTW has begun the analysis required by its NPDES permit but, due to circumstances beyond its control, has not completed the analysis, the POTW may, subject to approval of the Agency, continue to claim consistent removal according to the formula in this subsection, so long as the POTW acts in a timely fashion to complete the analysis and makes an effort to implement the non-structural, cost-effective measures identified by the analysis. Subject to the approval of the Agency, according to the formula in this subsection where the POTW has completed and the Agency has accepted the analysis required by the POTW's NPDES permit and the POTW has requested inclusion in its NPDES permit of an acceptable compliance schedule providing for timely implementation of cost effective measures identified in the analysis. In considering what is timely implementation, the Agency shall consider the availability of funds, cost of control measures, and seriousness of the water quality problem.

(Board Note: Derived from 40 CFR 403.7 (1986), as modified to reflect NRDC v. USEPA, 790 F.2d 289 (Third Circuit, 1986))

Section 310.330      Exception to POTW  
                         Pretreatment Requirement

A POTW required to develop a local pretreatment program under Subpart D may grant removal credits conditionally pending approval of such a program in accordance with the following terms and conditions:

a) All industrial users who are currently subject to a categorical pretreatment standard and who wish to receive conditionally a removal credit shall submit to the POTW the information required by Section 310.602(a)-(g) (except new or modified industrial users must only submit the information required by Section 310.602(a)-(f)), pertaining to the

categorical pretreatment standard as modified by the removal credit. The industrial users shall indicate what additional technology, if any, will be needed to comply with the categorical pretreatment standard as modified by the removal credit;

b) The POTW must have submitted to the Agency an application for pretreatment program approval meeting the requirements of Subpart D in a timely manner, not to exceed the time limitations set forth in a compliance schedule for development of a pretreatment program included in the POTW's NPDES permit.

c) The POTW shall:

1) Compile and submit data demonstrating its consistent removal;

2) Comply with the conditions specified in Section 310.303; and

3) Submit a complete application for removal credit authority in accordance with Section 310.340.

d) If a POTW receives authority to grant conditional removal credits and the Agency subsequently makes a final determination, after appropriate notice, that the POTW failed to comply with the conditions in subsections (b) and (c), the Agency shall terminate the authority to grant conditional removal credits and all industrial users to whom the revised discharge limits had been applied shall achieve compliance with the applicable categorical pretreatment standards within a reasonable time, not to exceed the period of time prescribed in the applicable categorical pretreatment standard.

e) If a POTW grants conditional removal credits and the POTW or the Agency subsequently makes a final determination, after appropriate notice, that the industrial user failed to comply with the conditions in subsection (a), the POTW or Agency shall terminate the conditional credit for the non complying industrial user and the industrial user to whom the revised discharge limits had been applied shall achieve compliance with the applicable categorical pretreatment standard within a reasonable time, not to exceed the period of time prescribed in the applicable categorical pretreatment standard. The conditional credit shall not be terminated where a violation of the provisions of this Section results from causes entirely outside of the control of the industrial user or the industrial user has demonstrated substantial compliance.

f) The Agency may elect not to review an application for conditional removal credit authority upon receipt of such application, in which case the conditionally revised discharge limits remain in effect until reviewed by the Agency. This review may occur at any time in accordance with the procedures of Section 310.541 through Section 310.547, but in any event no later than the time of any pretreatment program approval or any NPDES permit reissuance.

(Board Note: Derived from 40 CFR 403.7(d)  
(1986))

**Section 310.340 Application for Removal  
Credits Authorization**

- a) Any POTW that wants to grant a removal credit may apply for authorization from the Agency.
- b) The POTW shall submit to the Agency an application for authorization to grant removal credits (or modify existing ones).
- c) A POTW may apply for authorization to grant or modify removal credits at any time.
- d) An application for authorization to grant removal credits must be supported by the following information:
  - 1) A list of pollutants for which removal credits are proposed.
  - 2) The data required pursuant to Section 310.311.
  - 3) Proposed revised discharge limits for each affected subcategory of industrial users calculated in accordance with Section 310.310.
  - 4) A certification that the POTW has an approved local pretreatment Program or qualifies for the exception to this requirement under Section 310.330.
  - 5) A specific description of the POTW's current method of using or disposing of its sludge and a certification that the granting of removal credits will not cause a violation of the sludge requirements identified in Section 310.303(d).
  - 6) A certification that the granting of removal credits will not cause a violation of the POTW's NPDES permit limits and conditions as required in Section 310.303(e).

(Board Note: Derived from 40 CFR  
403.7(e)(1) - (e)(4) (1986))

**Section 310.341 Agency Review**

The Agency shall review the POTW's application for authorization to grant or modify removal credits in accordance with the procedures of Section 310.541 through Section 310.547.

(Board Note: Derived from 40 CFR 403.7(e)(5)  
(1986))

**Section 310.343 Assistance of POTW**

Nothing in these regulations precludes an industrial user or other interested party from assisting the POTW in preparing and presenting the information necessary to apply for authorization.

(Board Note: Derived from 40 CFR 403.7(e)(7)  
(1986))

**Section 310.350 Continuation of Authorization**

- a) Inclusion in POTW permit. Once a POTW has received authorization to grant removal credits for a particular pollutant regulated in a categorical pretreatment standard it may automatically extend that removal credit to the same pollutant when it is regulated in other categorical standards, unless granting the removal credit will cause the POTW to violate the sludge requirements identified in Section 310.303(d) or its NPDES permit limitations and conditions as required by Section 310.303(e). If a POTW elects at a later time to extend removal credits to a certain categorical pretreatment standard, industrial subcategory or one or more industrial users that initially were not granted removal credits, it shall notify the Agency.
- b) Compliance Monitoring. Once authority is granted, the removal credits shall be included in the POTW's NPDES permit as soon as possible and shall become an enforceable requirement of the POTW's NPDES permit. The removal credits will remain in effect for the term of the POTW's NPDES permit, provided the POTW maintains compliance with the conditions specified in Section 310.351.
- c) Modification or withdrawal of removal credits. Following authorization to grant removal credits, a POTW shall continue to monitor and report the POTW's removal capabilities at such intervals as are specified by the Agency in the pretreatment program and NPDES permit, but in no case less than once per year. The Agency shall require a minimum of one representative sample per month during the reporting period. The POTW shall include all sampling data in the POTW's compliance report.

(Board Note: Derived from 40 CFR 403.7(f)(1)  
(f)(3) (1986))

**Section 310.351 Modification or Withdrawal of  
Removal Credits**

- a) Notice to POTW. The Agency shall notify the POTW if, on the basis of pollutant removal capability reports received pursuant to Section 310.350(c) or other information available to it, the Agency determines:
  - 1) That one or more of the discharge limits revisions made by the POTW, or the POTW itself, no longer meets the requirements of this Subpart, or
  - 2) That such discharge limit revisions are causing or significantly contributing to a violation of any conditions or limits contained in the POTW's NPDES permit. A revised discharge limit is significantly contributing to a violation of the POTW's permit if it satisfies the definition of pass through or interference as defined in Section 310.110.

b) Corrective action. If appropriate corrective action is not taken within a reasonable time, not to exceed 60 days unless the POTW or an affected industrial user demonstrates that a longer time period is reasonably necessary to undertake the appropriate corrective action, the Agency shall either withdraw such discharge limits or require modifications in the revised discharge limits.

c) Public notice of withdrawal or modification. The Agency shall not withdraw, modify or revise discharge limits unless it first notifies the POTW and all industrial users to whom revised discharge limits have been applied, and made public in writing the reasons for such withdrawal or modification and provided an opportunity for public hearing. Following such notice and withdrawal or modification, all industrial users to whom revised discharge limits had been applied shall be subject to the modified discharge limits or the discharge limits prescribed in the applicable categorical pretreatment standards as appropriate and shall achieve compliance with such limits within a reasonable time, not to exceed the period of time prescribed in the applicable categorical pretreatment standard.

(Board Note: Derived from 40 CFR 403.7(f)(4) (1986), as modified to reflect NRDC v. USEPA, 790 F.2d 289 (Third Circuit, 1986))

#### SUBPART D: PRETREATMENT PERMITS

##### Section 310.400 Preamble

- a) This Subpart contains rules for the issuance of pretreatment permits by the Agency when the Agency is acting as the control authority. This Subpart does not apply if the POTW is the control authority.
- b) Industrial users with pretreatment permits are not required to have operating permits pursuant to 35 ILL. Adm. Code 309 Subpart B. However, sources may be required to have construction permits pursuant to that Subpart.

##### Section 310.401 Pretreatment Permits

- a) No industrial user shall, without a pretreatment permit, discharge to a POTW, unless the discharge is to a POTW with a pretreatment program approved pursuant to Subpart E.
- b) An industrial user which does not have a pretreatment permit shall apply for a pretreatment permit within 30 days after the Agency notifies the user that the user meets any of the following criteria:
- 1) The user has caused pass through or interference.
  - 2) The user's discharge presents an imminent endangerment to the health or welfare of persons.

c) No person shall cause or allow any discharge for which a pretreatment permit has been issued unless the discharge is in compliance with the conditions of the pretreatment permit.

##### Section 310.402 Time to Apply

- a) Any person required to have a pretreatment permit shall file an application with the Agency at least 90 days before the date on which the permit is required.
- b) Any permittee who wishes to continue to discharge after the expiration date of a pretreatment permit shall apply for reissuance of the permit at least 90 days prior to the expiration date of the permit.

##### Section 310.403 Imminent Endangerment

Pursuant to Section 34 of the Act the Agency shall declare an emergency and seal any wastewater source or discharge if it determines that the discharge presents an imminent endangerment to the health or welfare of persons.

##### Section 310.410 Application

- a) Applications for pretreatment permits shall include the following information:
- 1) The location of the wastewater source and discharge;
  - 2) The location of the sewer to which the industrial user will discharge;
  - 3) The POTW and treatment works which will receive the discharge;
  - 4) The volume discharged;
  - 5) A description of the wastewater prior to any pretreatment and prior to discharge, including a statement as to the presence or absence of all contaminants for which pretreatment requirements have been established in 35 ILL. Adm. Code 307;
  - 6) Any projected changes in the volume or description of the wastewater which the industrial user desires to have included in the terms of the permit;
  - 7) A certification of capacity to transport and treat the wastewater as specified in Section 310.411;
  - 8) Such additional information as the Agency determines is necessary to determine whether the industrial user will meet the requirements of this Part and 35 ILL. Adm. Code 307.
- b) The Agency shall promulgate application forms for pretreatment permits.

#### Section 310.411 Certification of Capacity

The industrial user shall obtain from the POTW and from the owners of any intermediate sewers which will receive the wastewater a signed statement certifying that they have adequate capacity to treat and transport the wastewater without violating any provisions of any NPDES permit, this Part, or 35 Ill. Adm. Code 302, 304, 307 or 309.

#### Section 310.412 Signatures

- a) If a corporation submits an application, one of the following persons shall sign the application:
  - 1) A principal executive officer of at least the level of vice president; or
  - 2) An authorized agent of the corporation, if the agent is responsible for the overall operation of the wastewater source.
- b) If a partnership or sole proprietorship submits an application, a general partner or the proprietor shall sign the application.
- c) If a publicly owned industrial user submits an application, one of the following persons shall sign the application:
  - 1) The principal executive officer;
  - 2) The ranking elected official; or
  - 3) An authorized employee.

#### Section 310.413 Site Visit

If the Agency determines that a site visit is necessary for the Agency to evaluate the application, it shall notify the applicant within 30 days after receipt of the application and make arrangements to visit the site. Failure to allow a site visit renders the application incomplete.

#### Section 310.414 Completeness

- a) An application shall be deemed filed when the Agency receives all information, documents and authorizations in the form specified in this Part.
- b) The Agency shall notify applicants of incomplete applications within 30 days after the Agency receives the application.

#### Section 310.415 Time Limits

- a) If a permittee files a timely application for renewal of an existing pretreatment permit, the existing permit shall continue until the Agency takes final action on the new application.

- b) If the Agency fails to take action on an application for a new permit within 90 days after the application has been received, the applicant may deem the permit issued for a period of one year from the end of the 90 day period. This excuses the applicant from the requirement to obtain a permit only.

#### Section 310.420 Standard for Issuance

The Agency shall issue a pretreatment permit to the industrial user:

- a) If the industrial user demonstrates that the discharge will meet the requirements and standards of this Part and 35 Ill. Adm. Code 307; or,
- b) If the Agency imposes in the pretreatment permit conditions sufficient to assure future compliance with the requirements and standards of this Part and 35 Ill. Adm. Code 307, including a schedule of compliance pursuant to Section 310.432.

#### Section 310.421 Final Action

- a) If the Agency denies a pretreatment permit, it shall send the applicant a written statement of the reasons for denial as provided by Section 39(a) of the Act.
- b) The date of the Agency's final action shall be the date the pretreatment permit or statement of reasons for denial is mailed to the applicant.

#### Section 310.430 Conditions

The Agency shall impose the following conditions in each permit:

- a) Discharge limitations based on 35 Ill. Adm. Code 307.
- b) More stringent discharge limitations based on the ability of the POTW to treat the discharge without interference or pass through.
- c) Requirements that the industrial user collect and analyze samples of the discharge.
- d) Requirements that the industrial user report the results of sample analysis to the Agency.
- e) Requirements that the industrial user allow authorized representatives of the Agency, at reasonable times, upon presentation of credentials, to inspect its premises and collect samples of the discharge.
- f) An expiration date, as specified in Section 310.431.
- g) If the applicant does not demonstrate compliance with this Part and 35 Ill. Adm. Code 307, a schedule of compliance as specified in Section 310.432.

- h) A requirement that the applicant file an application to modify the permit when notified pursuant to Section 310.442.
- i) Such additional conditions as the Agency determines are necessary to assure that the discharge complies with the requirements of this Part and 35 I11. Adm. Code 307.

#### Section 310.431 Duration of Permits

No pretreatment permit shall have a duration in excess of five years. In establishing earlier expiration dates, the Agency shall consider the following:

- a) Coordination with future compliance deadlines;
- b) Maintenance of intensive control over new or experimental processes; and
- c) Whether the permit addresses an emergency situation.

#### Section 310.432 Schedules of Compliance

- a) The Agency shall establish a schedule of compliance in any pretreatment permit unless the industrial user demonstrates compliance with this Part and 35 I11. Adm. Code 307.
- b) Schedules of compliance shall require the permittee to take specific steps to achieve compliance within the shortest practicable period of time, and shall be consistent with requirements in the Clean Water Act and 40 CFR 403, incorporated by reference in Section 310.107.
- c) The schedule of compliance shall contain the following:
  - 1) Increments of progress in the form of dates for the commencement and completion of major events leading to the construction and operation of additional pretreatment required to meet the standards of 35 I11. Adm. Code 307. No increment of progress shall exceed nine months.
  - 2) A requirement that the industrial user submit progress reports no later than fourteen days following each date in the schedule, including the final date for compliance. The progress report shall include, at a minimum, the following:
    - A) Whether or not the industrial user met the date specified in the schedule of compliance.
    - B) If the industrial user did not meet the dates, the date on which the user expects to accomplish this increment of progress, the reason for the delay and steps being taken to return construction to the schedule of compliance.

- 3) A requirement that in no event more than nine months elapse between progress reports.
- 4) A statement that the schedule of compliance does not protect the industrial user from enforcement.
- d) The schedule of compliance does not protect the industrial user from enforcement. It is not necessary to show a violation of a pretreatment standard or requirement to enforce interim and final compliance dates.

#### Section 310.441 Effect of a Permit

Existence of a pretreatment permit is a defense only to a charge of operation without a permit.

#### Section 310.442 Modification

- a) The permittee may request modification of the permit at any time by filing an application.
- b) If the Agency finds new information or if the Board adopts new regulations relevant to the permit, the Agency shall notify the permittee that it intends to modify the permit. The Agency shall give the permittee the opportunity to file a new application before it modifies the permit.

#### Section 310.443 Revocation

The Board may revoke a pretreatment permit pursuant to Section 33 of the Act and 35 I11. Adm. Code 103. Causes for revocation of a permit include, but are not limited to, the following:

- a) Violation of permit conditions, including, but not limited to, schedules of compliance, monitoring and inspection;
- b) Obtaining a permit by misrepresentation or failure to disclose fully all relevant facts; or
- c) A change in circumstance which mandates either a temporary or permanent reduction or elimination of the discharge.

#### Section 310.444 Appeal

Within 35 days after final Agency action, the applicant may appeal the denial of a pretreatment permit, or the issuance of a pretreatment permit with conditions, to the Board pursuant to Section 40 of the Act and 35 I11. Adm. Code 105.

### SUBPART E: POTW PRETREATMENT PROGRAMS

#### Section 310.501 Pretreatment Programs Required

- a) The Agency shall require to establish a pretreatment program any POTW (or combination of POTWs operated by the same authority) with



a total design flow greater than 5 million gallons per day (mgd) which:

- 1) Receives from industrial users pollutants which pass through or interfere with the operation of the POTW; or
- 2) Receives from industrial users discharges which are otherwise subject to categorical standards in 35 Ill. Adm. Code 307

b) The Agency shall require that a POTW with a design flow of 5 mgd or less develop a POTW pretreatment program if the Agency finds that the nature or volume of the industrial influent, treatment process upsets, violations of POTW effluent limitations, contamination of municipal sludge or other circumstances require a pretreatment program in order to prevent interference or pass through.

c) Subsections (a) and (b) notwithstanding, the Agency may, in its discretion, waive the requirement that any POTW develop a pretreatment program.

- 1) Waivers shall be in writing.
- 2) The Agency may, in its discretion, rescind any waiver by giving written notice to the POTW, giving sufficient time for the POTW to develop the program.

(Board Note: Derived from 40 CFR 403.8(a) (1986))

#### Section 310.502 Deadline for Program Approval

A POTW which meets the criteria of Section 310.501 must receive approval of a POTW pretreatment program no later than one year after the issuance, reissuance or renewal of the POTW's NPDES permit to require development of a pretreatment program. The POTW pretreatment program shall meet the criteria set forth in Section 310.510 and shall be administered by the POTW to ensure compliance by industrial users with applicable pretreatment standards and requirements.

(Board Note: Derived from 40 CFR 403.8(b) (1986))

#### Section 310.503 Incorporation of Approved Programs in Permits

A POTW may develop an appropriate POTW pretreatment program any time before the time limit set forth in Section 310.502. The approved POTW pretreatment program shall be incorporated into the POTW's NPDES permit.

(Board Note: Derived from 40 CFR 403.8(c) (1986))

#### Section 310.504 Incorporation of Compliance Schedules in Permits

If the POTW does not have an approved pretreatment program at the time the POTW's

existing NPDES permit is reissued or modified, the reissued or modified permit shall contain the shortest reasonable compliance schedule, not to exceed one year, for the approval of the legal authority, procedures and funding required by Section 310.510. The schedule of compliance does not protect the POTW from enforcement.

(Board Note: Derived from 40 CFR 403.8(d) (1986))

#### Section 310.505 Reissuance or Modification of Permits

The Agency shall modify or, alternatively, reissue a POTW's NPDES permit in order to:

- a) Put the POTW on a compliance schedule for the development of a POTW pretreatment program where the addition of pollutants into a POTW by an industrial user or combination of industrial users presents a substantial hazard to the functioning of the treatment works, quality of the receiving waters, human health or the environment;
- b) Incorporate an approved POTW pretreatment program in the POTW permit; or
- c) Incorporate a compliance schedule for the development of a POTW pretreatment program in the POTW permit.
- d) Incorporate the removal credits established under Subpart C in the POTW permit.

(Board Note: Derived from 40 CFR 403.8(d) (1986))

#### Section 310.510 Pretreatment Program Requirements

A POTW pretreatment program shall meet the following requirements:

a) Legal authority. The POTW shall operate pursuant to legal authority enforceable in federal, state or local courts, which authorizes or enables the POTW to apply and to enforce the requirements of this Part and 35 Ill. Adm. Code 307. Such authority may be contained in a statute, ordinance or series of joint powers agreements which the POTW is authorized to enact, enter into or implement, and which are authorized by State law. At a minimum, this legal authority shall enable the POTW to:

- 1) Deny or condition new or increased contributions of pollutants, or changes in the nature of pollutants, to the POTW by industrial users where such contributions do not meet applicable pretreatment standards and requirements or where such contributions would cause the POTW to violate its NPDES permit;
- 2) Require compliance with applicable pretreatment standards and requirements by industrial users;
- 3) Control, through ordinance, permit, order or similar means, the contribution to the

POTW by each industrial user to ensure compliance with applicable pretreatment standards and requirements;

4) Require:

- A) The development of a compliance schedule by each industrial user for the installation of technology required to meet applicable pretreatment standards and requirements; and
- B) The submission of all notices and self-monitoring reports from industrial users as are necessary to assess and assure compliance by industrial users with pretreatment standards and requirements, including, but not limited, to the reports required in Subpart F;

5) Carry out all inspection, surveillance and monitoring procedures necessary to determine, independent of information supplied by industrial users, compliance or noncompliance with applicable pretreatment standards and requirements by industrial users. Representatives of the POTW shall be authorized to enter any premises of any industrial user in which a discharge source or treatment system is located or in which records are required to be kept under Section 310.634 to assure compliance with pretreatment standards. Such authority shall be at least as extensive as the authority provided under Section 308 of the CWA;

6) Obtain remedies for noncompliance by any industrial user with any pretreatment standard or requirement.

- A) All POTW's shall be able to seek injunctive relief for noncompliance by industrial users with pretreatment standards or requirements. The POTW shall pass legislation to seek and assess civil or criminal penalties for noncompliance by industrial users with pretreatment standards and requirements.
- B) Pretreatment requirements which will be enforced through the remedies set forth in subsection (a)(6)(A) will include but not be limited to: the duty to allow or carry out inspections, entry or monitoring activities; any rules, regulations or orders issued by the POTW; or any reporting requirements imposed by the POTW, this Part or 35 Ill. Adm. Code 307. The POTW shall have authority and procedures (after notice to the industrial user) immediately and effectively to halt or prevent any discharge of pollutants to the POTW which reasonably appears to present an imminent endangerment to the health or welfare of persons. The POTW shall also have authority and procedures (which shall include notice to the affected industrial users and an opportunity to respond)

to halt or prevent any discharge to the POTW which presents or may present an endangerment to the environment or which threatens to interfere with the operation of the POTW. The Agency shall have authority to seek judicial relief for noncompliance by industrial users when the POTW has acted to seek such relief but has sought a penalty which the Agency finds to be insufficient. The procedures for notice to industrial users where the POTW is seeking ex parte temporary judicial injunctive relief will be governed by applicable state or federal law and not by this provision; and

7) Comply with the confidentiality requirements set forth in Section 310.105

b) Procedures. The POTW shall develop and implement procedures to ensure compliance with the requirements of a pretreatment program. At a minimum, these procedures shall enable the POTW to:

- 1) Identify and locate all possible industrial users which might be subject to the POTW pretreatment program. Any compilation, index or inventory of industrial users made under this subsection shall be made available to the Agency upon request.
- 2) Identify the character and volume of pollutants contributed to the POTW by the industrial users identified under subsection (b)(1). This information shall be made available to the Agency upon request.
- 3) Notify industrial users identified under subsection (b)(1) of applicable pretreatment standards and any applicable requirements under Section 204(b) and 405 of the CWA and Subtitles C and D of the Resource Conservation and Recovery Act, incorporated by reference in Section 310.107.
- 4) Receive and analyze self-monitoring reports and other notices submitted by industrial users in accordance with the self monitoring requirements in Subpart D;
- 5) Randomly sample and analyze the effluent from industrial users and conduct surveillance and inspection activities in order to identify, independent of information supplied by industrial users, occasional and continuing noncompliance with pretreatment standards. The results of these activities shall be made available to the Agency upon request;
- 6) Investigate instances of noncompliance with pretreatment standards and requirements, as indicated in the reports and notices required under Subpart D, or as indicated by analysis, inspection and surveillance activities described in subsection (b)(5). Sample taking and analysis, and the collection of other

information, shall be performed with sufficient care to produce evidence admissible in enforcement proceedings or in judicial actions; and

- 7) Comply with the public participation requirements of 40 CFR 25, incorporated by reference in Section 310.107, in the enforcement of pretreatment standards. These procedures shall include provision for providing, at least annually, public notification, in a newspaper of general circulation in the unit of local government in which the POTW is located, of industrial users which, during the previous 12 months, were significantly violating applicable pretreatment standards or other pretreatment requirements. For the purposes of this provision, a significant violation is a violation which remains uncorrected 45 days after notification of noncompliance; which is part of a pattern of noncompliance over a twelve month period; which involves a failure to accurately report noncompliance; or which resulted in the POTW exercising its emergency authority under subsection (a)(6)(B).
- c) The POTW shall have sufficient resources and qualified personnel to carry the authorities and procedures described in subsections (a) and (b).

(Board Note: Derived from 40 CFR 403.8(f) (1986))

#### Section 310.521 Program Approval

A POTW requesting approval of a POTW pretreatment program shall develop a program description which includes the information set forth in Sections 310.522(a) through (d). This description shall be submitted to the Agency which will make a determination on the request for program approval in accordance with the procedures described in Sections 310.540 through 310.546.

(Board Note: Derived from 40 CFR 403.9(a) (1986))

#### Section 310.522 Contents of Program Submission

The program description must contain the following information:

- a) A statement from the attorney or other official acting in a comparable capacity for the unit of local government that the POTW has authority adequate to carry out the programs described in Section 310.501 through 310.510. This statement shall:
  - 1) Identify the provision of the legal authority under Section 310.510(a) which provides the basis for each procedure under Section 310.510(b);
  - 2) Identify the manner in which the POTW will implement the program requirements set forth in Sections 310.501 through 310.510, including the means by which

pretreatment standards will be applied to individual industrial users (e.g., by order, permit, ordinance, contract, etc.); and,

- 3) Identify how the POTW intends to ensure compliance with pretreatment standards and requirements, and to enforce them in the event of noncompliance by industrial users;
- b) A copy of any statutes, ordinances, regulations, contracts, agreements or other authorities relied upon by the POTW for its administration of the program. This submission shall include a statement reflecting the endorsement or approval of the local boards or bodies responsible for supervising or funding the POTW pretreatment program if approved.
- c) A brief description (including organization charts) of the POTW organization which will administer the pretreatment program. If more than one agency is responsible for administration of the program the responsible agencies should be identified, their respective responsibilities delineated and their procedures for coordination set forth; and
- d) A description of the funding levels and full- and part-time manpower available to implement the program;

(Board Note: Derived from 40 CFR 403.9(b) (1986))

#### Section 310.524 Content of Removal Allowance Submission

The request for authority to revise categorical pretreatment standards must contain the information required in Section 310.340.

(Board Note: Derived from 40 CFR 403.9(d) (1986))

#### Section 310.531 Agency Action

Any POTW requesting POTW pretreatment program approval shall submit to the Agency three copies of the submission described in Section 310.522, and, if appropriate, Section 310.524. Upon a preliminary determination that the submission meets the requirements of Section 310.522, and, if appropriate, Section 310.524, the Agency shall:

- a) Notify the POTW that the submission has been received and is under review; and
- b) Commence the public notice and evaluation activities set forth in Section 310.540 through 310.546.

(Board Note: Derived from 40 CFR 403.9(e) (1986))

#### Section 310.532 Defective Submission

If, after review of the submission as provided for in Section 310.531, the Agency determines

that the submission does not comply with the requirements of Section 310.522, or, if appropriate, Section 310.524, the Agency shall provide notice in writing to the applying POTW and each person who has requested individual notice. This notification shall identify any defects in the submission and advise the POTW, and each person who has requested individual notice, of the means by which the POTW can comply with the applicable requirements of Section 310.522 and, if appropriate, Section 310.524.

(Board Note: Derived from 40 CFR 403.9(f) (1986))

#### Section 310.533 Water Quality Management

The Agency shall review POTW pretreatment programs to assure consistency with water quality management plans.

(Board Note: Derived from 40 CFR 403.9(g) (1986))

#### Section 310.541 Deadline for Review

The Agency shall have 90 days from the date of public notice of any submission complying with the requirements of Section 310.522, and, where removal credit authorization is sought, with Sections 310.340 and 310.524, to review the submission. The Agency shall review the submission to determine compliance with the requirements of Section 310.502 and 310.510, and, where removal credit authorization is sought, with Subpart C. The Agency may have up to an additional 90 days to complete the evaluation of the submission if the public comment period provided for in Section 310.542(a)(2) is extended beyond 30 days or if a public hearing is held as provided for in Section 310.542(b). In no event, however, shall the time for evaluation of the submission exceed a total of 180 days from the date of public notice of a submission meeting the requirements of Section 310.522 and, in the case of a removal credit application, Sections 310.522 and 310.524.

(Board Note: Derived from 40 CFR 403.11(a) (1986))

#### Section 310.542 Public Notice and Hearing

Upon receipt of a submission the Agency shall commence its review. Within 5 days after making a determination that a submission meets the requirements of Section 310.522, and, where removal credit authorization is sought, Sections 310.340 and 310.524, the Agency shall:

a) Issue a public notice of request for approval of the submission;

- 1) This public notice shall be circulated in a manner designed to inform interested and potentially interested persons of the submission. Procedures for the circulation of public notice shall include:

A) Mailing notices of the request for approval of the submission to:

- i) Federal agencies as designated by USEPA;
- ii) Regional planning agencies which participate in development of water quality management plans; and
- iii) Any other person or group who has requested individual notice, including those on appropriate mailing lists; and

B) Publication of a notice of request for approval of the submission in the largest daily newspaper within the jurisdiction or jurisdictions served by the POTW.

2) The public notice shall provide a period of not less than 30 days following the date of the public notice during which time interested persons may submit their written views on the submission.

3) All written comments submitted during the 30 day comment period shall be retained by the Agency and considered in the decision on whether or not to approve the submission. The period for comment may be extended at the discretion of the Agency; and

b) Provide an opportunity for the applicant, any affected State, any interested State or federal agency, person or group of persons to request a public hearing with respect to the submission.

1) This request for public hearing shall be filed within the 30 day (or extended) comment period described in subsection (a)(2) and shall indicate the interest of the person filing such request and the reasons why a hearing is warranted.

2) The Agency shall hold a hearing if the POTW so requests. In addition, a hearing will be held if there is a significant public interest in issues relating to whether or not the submission should be approved. Instances of doubt should be resolved in favor of holding the hearing.

3) Public notice of a hearing to consider a submission and sufficient to inform interested parties of the nature of the hearing and the right to participate shall be published in the same newspaper as the notice of the original request for approval of the submission under subsection (a)(1)(B). In addition, notice of the hearing shall be sent to those persons requesting individual notice.

(Board Note: Derived from 40 CFR 403.11(b) (1986))

## Section 310.543 Agency Decision

At the end of the 30 day (or extended) comment period and within the 90 day (or extended) period provided for in Section 310.541, the Agency shall approve or deny the submission based upon the evaluation in Section 310.541 and taking into consideration comments submitted during the comment period and the record of the Public hearing, if held. Where the Agency makes a determination to deny the request, the Agency shall so notify the POTW and each person who has requested individual notice. This notification shall include suggested modifications and the Agency may allow the requestor additional time to bring the submission into compliance with applicable requirements.

(Board Note: Derived from 40 CFR 403.11(c) (1986))

## Section 310.544 USEPA Objection

The Agency shall not approve any pretreatment program or authorization to grant removal credits to which USEPA objects pursuant to 40 CFR 403.11(d) (1986). The POTW may contest such an objection only as provided by USEPA rules and procedures.

(Board Note: Derived from 40 CFR 403.11(d) (1986))

## Section 310.545 Notice of Decision

The Agency shall notify those persons who submitted comments and participated in the public hearings, if held, of the approval or disapproval of the submission. In addition, the Agency shall cause to be published a notice of approval or disapproval in the same newspaper as the original notice of request for approval of the submission was published. The Agency shall identify, in any notice of POTW pretreatment program approval, any authorization to modify categorical pretreatment standards which the POTW may make in accordance with Subpart C for removal of pollutants subject to pretreatment standards.

(Board Note: Derived from 40 CFR 403.11(e) (1986))

## Section 310.546 Public Access to Submission

The Agency shall ensure that the submission and any comments upon such submission are available to the public for inspection and copying.

(Board Note: Derived from 40 CFR 403.11(f) (1986))

## Section 310.547 Appeal

Any final Agency action refusing to approve, or approving with conditions, a pretreatment program, may be appealed to the Board as part of an appeal of the Agency's action on the NPDES permit application.

## SUBPART F: REPORTING REQUIREMENTS

### Section 310.601 Definition of Control Authority

The term "Control Authority" as it is used in this Subpart refers to:

- a) The POTW if the POTW's submission for its pretreatment program (Section 310.110) has been approved in accordance with the requirements of Section 310.540 through 310.546; or,
- b) The Agency, if the submission has not been approved.

(Board Note: Derived from 40 CFR 403.12(a) (1986))

### Section 310.602 Baseline Report

Within the time limits specified in subsection (h), existing industrial users subject to such categorical pretreatment standards and currently discharging to or scheduled to discharge to a POTW shall submit to the control authority a report which contains the information listed in subsections (a) through (g). New sources shall submit to the control authority a report which contains the information listed in subsections (a) through (e):

- a) Identifying information. The industrial user shall submit the name and address of the facility including the name of the operator and owners;
- b) Permits. The industrial user shall submit a list of any environmental control permits held by or for the facility;
- c) Description of operations. The industrial user shall submit a brief description of the nature, average rate of production and standard industrial classification (SIC Code) of the operations carried out by such industrial user. This description should include a schematic process diagram which indicates points of discharge to the POTW from the regulated processes.
- d) Flow measurement. The industrial user shall submit information showing the measured average daily and maximum daily flow, in gallons per day, to the POTW from each of the following:
  - 1) Regulated process streams; and
  - 2) Other streams as necessary to allow use of the combined wastestream formula of Section 310.233. (See subsection (e)(5)). The control authority may allow for verifiable estimates of these flows where justified by cost or feasibility considerations.
- e) Measurement of pollutants
  - 1) The industrial user shall identify the pretreatment standards applicable to each regulated process;

- 2) In addition, the industrial user shall submit the results of sampling and analysis identifying the nature and concentration (or mass, where required by the standard or control authority) of regulated pollutants in the discharge from each regulated process. Both daily maximum and average concentration (or mass, where required) shall be reported. The sample shall be representative of daily operations.
- 3) Where feasible, samples must be obtained through the flow proportional composite sampling techniques specified in the applicable categorical pretreatment standard. Where composite sampling is not feasible, a grab sample is acceptable.
- 4) Where the flow of the stream being sampled is less than or equal to 950,000 liters/day (approximately 250,000 gpd), the industrial user must take three samples within a two-week period. Where the flow of the stream being sampled is greater than 950,000 liters/day (approximately 250,000 gpd), the user shall take six samples within a two-week period;
- 5) Samples shall be taken immediately downstream from pretreatment facilities if such exist or immediately downstream from the regulated process if no pretreatment exists. If other wastewaters are mixed with the regulated wastewater prior to pretreatment the industrial user shall measure the flows and concentrations necessary to allow use of the combined wastestream formula of Section 310.233 in order to evaluate compliance with the pretreatment standards. Where an alternate concentration or mass limit has been calculated in accordance with Section 310.233, this adjusted limit along with supporting data shall be submitted to the control authority;
- 6) Analytical methods.
  - A) The Board incorporates by reference 40 CFR 403.12(b) (1986). This Part incorporates no future amendments or editions.
  - B) Sampling and analysis shall be performed in accordance with the techniques prescribed in 35 Ill. Adm. Code 307.1003. When 35 Ill. Adm. Code 307.1003 does not reference sampling or analytical techniques for the pollutant in question, or where USEPA has determined that sampling and analysis techniques are inappropriate pursuant to 40 CFR 403.12(b), sampling and analysis shall be performed by using validated analytical methods or any other applicable sampling and analytical procedures, approved by the Agency, including procedures suggested by the POTW or other parties;
- 7) The control authority may allow the submission of a baseline report which utilizes only historical data so long as the data provides information sufficient to determine the need for industrial pretreatment measures;
- 8) The baseline report shall indicate the time, date and place of sampling, and methods of analysis, and shall certify that such sampling and analysis is representative of normal work cycles and expected pollutant discharges to the POTW.
- f) Certification. A statement, reviewed by an authorized representative of the industrial user (as defined in Section 310.633) and certified to by a qualified professional, indicating whether pretreatment standards are being met on a consistent basis, and, if not, whether additional operation and maintenance (O and M) or additional pretreatment is required for the industrial user to meet the pretreatment standards and requirements; and
- g) Compliance schedule. If additional pretreatment or O and M will be required to meet the pretreatment standards; the shortest schedule by which the industrial user will provide such additional pretreatment or O and M. The completion date in this schedule shall not be later than the compliance date established for the applicable pretreatment standard.
  - 1) Where the industrial user's categorical pretreatment standard has been modified by a removal allowance (Subpart C), by the combined wastestream formula (Section 310.233) or a fundamentally different factors determination (Subpart E) at the time the user submits the report required by this Section, the information required by subsections (f) and (g) shall pertain to the modified limits.
  - 2) If the categorical pretreatment standard is modified by a removal allowance (Subpart C), by the combined wastestream formula (Section 310.233) or a fundamentally different factors determination (Subpart E) after the user submits the report required by this Section, any necessary amendments to the information requested by subsections (f) and (g) shall be submitted by the user to the control authority within 60 days after the modified limit is approved.
- h) Deadlines for existing industrial users.
  - 1) For standards adopted by USEPA prior to authorization of the Illinois pretreatment program, baseline reports must be submitted pursuant to 40 CFR 403.12(b).
  - 2) For standards adopted by USEPA after authorization of the Illinois pretreatment program, baseline reports for existing sources are due within 180 days after the Board adopts or

incorporates a categorical pretreatment standard, or 180 days after the final administrative decision made upon a category determination submission under Section 310.221(d), whichever is later.

(Board Note: Derived from 40 CFR 403.12(b) (1986))

#### Section 310.603 Compliance Schedule

The following conditions apply to the schedule required by Section 310.602(g):

- a) The schedule shall contain increments of progress in the form of dates for the commencement and completion of major events leading to the construction and operation of additional pretreatment required for the industrial user to meet the applicable categorical pretreatment standards (e.g., hiring an engineer, completing preliminary plans, completing final plans, executing contract for major components, commencing construction, completing construction, etc.).
- b) No increment referred to in subsection (a) shall exceed 9 months.
- c) Not later than 14 days following each date in the schedule and the final date for compliance, the industrial user shall submit a progress report to the control authority including, at a minimum, whether or not it complied with the increment of progress to be met on such date and, if not, the date on which it expects to comply with this increment of progress, the reasons for delay and the steps being taken by the industrial user to return the construction to the schedule established. In no event shall more than 9 months elapse between such progress reports to the control authority.

(Board Note: Derived from 40 CFR 403.12(c) (1986))

#### Section 310.604 Report on Compliance with Deadline

Within 90 days following the date for final compliance with applicable categorical pretreatment standards or, in the case of a new source following commencement of the introduction of wastewater into the POTW, any industrial user subject to pretreatment standards and requirements shall submit to the control authority a report indicating the nature and concentration of all pollutants in the discharge from the regulated process which are limited by pretreatment standards and requirements and the average and maximum daily flow for these process units in the industrial user which are limited by such pretreatment standards and requirements. The report shall state whether the applicable pretreatment standards or requirements are being met on a consistent basis and, if not, what additional O and M or pretreatment is necessary to bring the industrial user into compliance with the applicable pretreatment standards or requirements. This statement shall be signed by an authorized representative of the industrial

user, as defined in Section 310.633, and certified by a qualified professional.

(Board Note: Derived from 40 CFR 403.12(d) (1986))

#### Section 310.605 Periodic Reports on Compliance

- a) Any industrial user subject to a categorical pretreatment standard, after the compliance date of such pretreatment standard, or, in the case of a new source, after commencement of the discharge into the POTW, shall submit to the control authority during the months of June and December, unless required more frequently in the pretreatment standard or by the control authority, a report indicating the nature and concentration of pollutants in the effluent which are limited by such categorical pretreatment standards. In addition, this report shall include a record of measured or estimated average and maximum daily flows for the reporting period for the discharge reported in Section 310.602(d), except that the control authority may require more detailed reporting of flows. In consideration of such factors as local high or low flow rates, holidays, budget cycles, etc., the control authority may alter the months during which the above reports are to be submitted.
- b) Where the control authority has imposed mass limitations on industrial users as provided by Section 310.232, the report required by subsection (a) shall indicate the mass of pollutants regulated by pretreatment standards in the discharge from the industrial user.

(Board Note: Derived from 40 CFR 403.12(e) (1986))

#### Section 310.606 Notice of Slug Loading

The industrial user shall notify the POTW immediately of any slug loading, as defined by Section 310.202 and 35 I11. Adm. Code 307.1101, by the industrial user.

(Board Note: Derived from 40 CFR 403.12(f) (1986))

#### Section 310.610 Monitoring and Analysis

The reports required in Section 310.602(e), 310.604 and 310.605 shall contain the results of sampling and analysis of the discharge, including the flow and the nature and concentration, or production and mass where requested by the control authority, of pollutants contained in the discharge which are limited by the applicable pretreatment standards. All analyses shall be performed in accordance with procedures referenced in 35 I11. Adm. Code 307.1003, or with any other test procedures approved by the Agency. Sampling shall be performed in accordance with the techniques approved by the Agency. Where 35 I11. Adm. Code 307.1003 does not reference sampling or analytical techniques for the pollutants in question, or where USEPA has

determined as provided in Section 310.602 that sampling and analytical techniques are inappropriate, sampling and analyses shall be performed using validated analytical methods or any other sampling and analytical procedures, approved by the Agency, including procedures suggested by the POTW or other persons.

(Board Note: Derived from 40 CFR 403.12(g) (1986))

#### Section 310.621 Compliance Schedule for POTW's

The following conditions and reporting requirements shall apply to the compliance schedule for development of an approvable POTW pretreatment program required by Sections 310.501 through 310.510.

- a) The schedule shall contain increments of progress in the form of dates for the commencement and completion of major events leading to the development and implementation of a POTW pretreatment program (e.g., acquiring required authorities, developing funding mechanisms, acquiring equipment);
- b) No increment referred to in Section 310.621(a) shall exceed nine months;
- c) Not later than 14 days following each date in the schedule and the final date for compliance, the POTW shall submit a progress report to the Agency including as a minimum, whether or not it complied with the increment of progress to be met on such date and, if not, the date on which it expects to comply with this increment of progress, the reason for delay, and the steps taken by the POTW to return to the schedule established. In no event shall more than nine months elapse between such progress reports to the Agency.

(Board Note: Derived from 40 CFR 403.12(h) (1986))

#### Section 310.631 Signatory Requirements for Industrial User Reports

The reports required by Sections 310.602, 310.604 and 310.605 must be signed by an authorized representative of the industrial user. An authorized representative is:

- a) A principal executive officer of at least the level of vice president, if the industrial user submitting the reports required by Sections 310.602, 310.604 and 310.605 is a corporation.
- b) A general partner or proprietor, if the industrial user submitting the report required by Sections 310.602, 310.604 and 310.605 is a partnership or sole proprietorship, respectively.
- c) A duly authorized representative of the individual designated in subsections (a) or (b), if such representative is responsible for the overall operation of the facility from which the indirect discharge originates.

(Board Note: Derived from 40 CFR 403.12(i) (1986))

#### Section 310.632 Signatory Requirements for POTW Reports

Reports submitted to the Agency by the POTW in accordance with Section 310.621 must be signed by a principal executive officer, ranking elected official or other duly authorized employee if such employee is responsible for overall operation of the POTW.

(Board Note: Derived from 40 CFR 403.12(j) (1986))

#### Section 310.633 Fraud and False Statements

The reports required by Sections 310.602, 310.604, 310.605 and 310.621 are subject to the provisions of 18 U.S.C. 1001, incorporated by reference in Section 310.107, relating to fraud and false statements and the provisions of Section 309(c)(2) of the CWA governing false statements, representations or certifications in reports required under the CWA, and to the provisions of Title XII of the Act.

(Board Note: Derived from 40 CFR 403.12(k) (1986))

#### Section 310.634 Recordkeeping Requirements

- a) Any industrial user and POTW subject to the reporting requirements established in this Subpart shall maintain records of all information resulting from any monitoring activities required by this Subpart. Such records shall include for all samples:
  - 1) The date, exact place, method and time of sampling, and the names of the person or persons taking the samples;
  - 2) The dates analyses were performed;
  - 3) Who performed the analyses;
  - 4) The analytical techniques/methods used; and
  - 5) The results of such analyses.
- b) Any industrial user or POTW subject to the reporting requirements established in this Subpart shall be required to retain for a minimum of 3 years any records of monitoring activities and results (whether or not such monitoring activities are required by this Section) and shall make such records available for inspection and copying by the Agency (and POTW in the case of an industrial user). This period of retention shall be extended during the course of any unresolved litigation regarding the industrial user or POTW or when requested by the Agency.
- c) Any POTW to which reports are submitted by an industrial user pursuant to Sections 310.602, 310.604 and 310.605 shall retain such reports for a minimum of 3 years and shall make such reports available for inspection and copying



by the Agency. This period of retention shall be extended during the course of any unresolved litigation regarding the discharge of pollutants by the industrial user or the operation of the POTW pretreatment program or when requested by the Agency.

(Board Note: Derived from 40 CFR 403.12(1) (1986))

#### SUBPART G: FUNDAMENTALLY DIFFERENT FACTORS

##### Section 310.701 Definition of Requester

The term "requester" means an industrial user or a POTW or other interested person seeking a fundamentally different factors (FDF) determination from the limits specified in a categorical pretreatment standard.

(Board Note: Derived from 40 CFR 403.13(a) (1986))

##### Section 310.702 Purpose and Scope

It may be necessary on a case-by-case basis to adjust the limits in categorical pretreatment standards, making them either more or less stringent, as they apply to a certain industrial user within an industrial category or subcategory. This will only be done if data specific to that industrial user indicates it presents factors fundamentally different from those considered by USEPA in developing the limit at issue. Any interested person believing that factors relating to an industrial user are fundamentally different from the factors considered during development of a categorical pretreatment standard applicable to that user and further, that the existence of those factors justifies a different discharge limit than specified in the applicable categorical pretreatment standard, may request an FDF determination under this Subpart. Such a determination proceeding may be initiated by the Agency also.

(Board Note: Derived from 40 CFR 403.13(b) (1986))

##### Section 310.703 Criteria

a) General criteria. A request for an FDF determination shall be approved only if:

- 1) There is an applicable categorical pretreatment standard which specifically controls the pollutant for which alternative limits have been requested; and
- 2) Factors relating to the discharge controlled by the categorical pretreatment standard are fundamentally different from the factors considered by USEPA in establishing the standards; and
- 3) The request for an FDF determination is made in accordance with the procedural requirements in Sections 310.711 and 310.712.

b) Criteria applicable to less stringent limits. An FDF determination request for the establishment of limits less stringent than required by the standard shall be approved only if:

- 1) The alternative limit requested is no less stringent than justified by the fundamental difference;
- 2) The alternative limit will not result in a violation of prohibitive discharge standards prescribed by or established under Section 310.201 through 310.213, or 35 Ill. Adm. Code 307;
- 3) The alternative limit will not result in a non-water quality environmental impact (including energy requirements) fundamentally more adverse than the impact considered during development of the pretreatment standards; and
- 4) Compliance with the standards (either by using the technologies upon which the standards are based or by using other control alternatives) would result in a non-water quality environmental impact (including energy requirements) fundamentally more adverse than the impact considered during development of the standards.

c) Criteria applicable to more stringent limits. An FDF determination request for the establishment of limits more stringent than required by the standards shall be approved only if:

- 1) The alternative limit request is no more stringent than justified by the fundamental difference; and
- 2) Compliance with the alternative limit would not result in a non-water quality environmental impact (including energy requirements) fundamentally more adverse than the impact considered during development of the standards.

(Board Note: Derived from 40 CFR 403.13(c) (1986))

##### Section 310.704 Fundamentally Different Factors

Factors which may be considered fundamentally different are:

- a) The nature or quality of pollutants contained in the raw waste load of the industrial user's process wastewater;
- b) The volume of the industrial user's process wastewater and effluent discharged;
- c) Non water quality environmental impact of control and treatment of the industrial user's raw waste load;
- d) Energy requirements of the application of control and treatment technology;

- e) Age, size, land availability and configuration as they relate to the industrial user's equipment or facilities; processes employed; process changes; and engineering aspects of the application of control technology; and,

(Board Note: Derived from 40 CFR 403.13(d) (1986))

#### Section 310.705 Factors which are Not Fundamentally Different

A FDF request or portion of such a request under this Subpart shall not be granted on any of the following grounds:

- a) The feasibility of installing the required waste treatment equipment within the time the CWA allows;
- b) The assertion that the standards cannot be achieved with the appropriate waste treatment facilities installed, if such assertion is not based on factors listed in Section 310.704.
- c) The industrial user's ability to pay for the required waste treatment; or
- d) The impact of a discharge on the quality of the POTW's receiving waters.

(Board Note: Derived from 40 CFR 403.13(e) (1986))

#### Section 310.706 More Stringent State Law

- a) The Agency shall not grant FDF determinations with respect to more stringent pretreatment standards adopted pursuant to independent Board authority (35 Ill. Adm. Code 307.1102 and 307.1103).
- b) Nothing in this Subpart shall be construed to impair the right of any POTW to impose more stringent limitations pursuant to Sections 310.210 and 310.211.

(Board Note: Derived from 40 CFR 403.13(f) (1986))

#### Section 310.711 Application Deadline

- a) Request for an FDF determination and supporting information must be submitted in writing to the Agency.
- b) In order to be considered, requests for FDF determinations must be submitted within the following time limits:
  - 1) Prior to authorization of the Illinois program, FDF requests must be directed to USEPA pursuant to 40 CFR 403.13 (1986).
  - 2) For standards adopted by USEPA after authorization of the Illinois pretreatment program, the industrial user

shall request an FDF determination within 180 days after the Board adopts or incorporates the standard by reference unless the user has requested a category determination pursuant to Section 310.221.

- c) Where the industrial user has requested a category determination pursuant to Section 310.221, the user may elect to await the results of the category determination before submitting a request for an FDF determination. Where the user so elects, the user shall submit the request within 30 days after a final decision has been made on the categorical determination pursuant to Section 310.221(d).

(Board Note: Derived from 40 CFR 403.13(g) (1986))

#### Section 310.712 Contents of FDF Request

Written requests for an FDF determination must include:

- a) The name and address of the person making the request;
- b) Identification of the interest of the requester which is affected by the categorical pretreatment standard for which the FDF determination is requested;
- c) Identification of the POTW currently receiving the waste from the industrial user for which alternative discharge limits are requested;
- d) Identification of the categorical pretreatment standards which are applicable to the industrial user;
- e) A list of each pollutant or pollutant parameter for which an alternative discharge limit is sought;
- f) The alternative discharge limits proposed by the requester for each pollutant or pollutant parameter identified in subsection (e);
- g) A description of the industrial user's existing water pollution control facilities;
- h) A schematic flow representation of the industrial user's water system including water supply, process wastewater systems, and points of discharge; and
- i) A statement of facts clearly establishing why the request for an FDF determination should be approved, including detailed support data, documentation and evidence necessary to fully evaluate the merits of the request, e.g., technical and economic data collected by USEPA and used in developing each pollutant discharge limit in the pretreatment standard.

(Board Note: Derived from 40 CFR 403.13(h) (1986))

#### Section 310.713 Deficient Requests

The Agency shall act only on written requests of FDF determinations which contain all of the information required. The Agency shall notify persons who have made incomplete submissions that their requests are deficient and that, unless the time period is extended, they have thirty days to remedy the deficiency. If the deficiency is not corrected within the time period allowed, the Agency shall deny the request for an FDF determination.

(Board Note: Derived from 40 CFR 403.13(1) (1986))

#### Section 310.714 Public Notice

Upon receipt of a complete request, the Agency shall provide notice of receipt, opportunity to review the submission and opportunity to comment.

- a) The public notice shall be circulated in a manner designed to inform interested and potentially interested persons of the request. Procedures for the circulation of public notice shall include mailing notices to:
  - 1) The POTW into which the industrial user requesting the FDF determination discharges;
  - 2) Adjoining states whose waters may be affected; and
  - 3) Federal agencies as designated by USEPA;
  - 4) Regional planning agencies which participate in development of water quality management plans; and
  - 5) Any other person or group who has requested individual notice, including those on appropriate mailing lists; and
- b) The public notice shall provide for a period not less than 30 days following the date of the public notice during which time interested persons may review the request and submit their written views on the request.
- c) Following the comment period, the Agency shall make a determination upon the request taking into consideration any comments received. Notice of the final decision shall be provided to the requester (and the industrial user for which the variance is requested, if different), the POTW into which the industrial user discharges and all persons who submitted comments on the request.

(Board Note: Derived from 40 CFR 403.13(j) (1986))

#### Section 310.721 Agency Review of FDF Requests

- a) Where the Agency finds that fundamentally different factors do not exist, it shall deny the request and notify the requester (and

industrial user where they are not the same) and the POTW of the denial.

- b) If the Agency finds that fundamentally different factors do exist, it shall forward the request, with a recommendation that the request be approved, to USEPA.

(Board Note: Derived from 40 CFR 403.13(k) (1986))

#### Section 310.722 USEPA Review of FDF Requests

- a) USEPA will deny or approve the request for an FDF determination as provided in 40 CFR 403.13(1) and (m) (1986).
- b) The Agency shall not grant an FDF request unless it has been approved by USEPA.
- c) Appeal.

- 1) The requester may appeal to the Board any finding by the Agency that FDF do not exist.
- 2) If USEPA refused to approve a request forwarded by the Agency, the requester may contest the decision only as allowed by USEPA.

(Board Note: Derived from 40 CFR 403.13(1) and (m) (1986))

#### SUBPART H: ADJUSTMENT FOR POLLUTANTS IN INTAKE

#### Section 310.801 Net/Gross Calculation by USEPA

USEPA may adjust categorical pretreatment standards to reflect the presence of pollutants in the industrial user's intake water as provided in 40 CFR 403.15 (1986).

#### SUBPART I: UPSETS

#### Section 310.901 Definition

For the purposes of this Subpart, "upset" means an exceptional incident in which there is unintentional and temporary noncompliance with categorical pretreatment standards because of factors beyond the reasonable control of the industrial user. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance or careless or improper operation.

(Board Note: Derived from 40 CFR 403.16(a) (1986))

#### Section 310.902 Effect of an Upset

An upset shall constitute an affirmative defense to an action brought for noncompliance with categorical pretreatment standards if the requirements of Section 310.903 are met.

(Board Note: Derived from 40 CFR 403.16(b) (1986))

**Section 310.903 Conditions Necessary for a Upset**

An industrial user who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed, contemporaneous operating logs, or other relevant evidence, that:

- a) An upset occurred and the industrial user can identify the specific cause or causes of the upset;
- b) The facility was at the time being operated in a prudent and workmanlike manner and in compliance with applicable operation and maintenance procedures;
- c) The industrial user has submitted the following information to the POTW and control authority within 24 hours of becoming aware of the upset (if this information is provided orally, a written submission must be provided within five days):
  - 1) A description of the indirect discharge and cause of noncompliance;
  - 2) The period of noncompliance, including exact dates and times or, if not corrected, the anticipated time the noncompliance is expected to continue;
  - 3) Steps being taken or planned to reduce, eliminate and prevent recurrence of the noncompliance.

(Board Note: Derived from 40 CFR 403.16(c) (1986))

**Section 310.904 Burden of Proof**

In any enforcement proceeding the industrial user seeking to establish the occurrence of an upset shall have the burden of proof.

(Board Note: Derived from 40 CFR 403.16(d) (1986))

**Section 310.905 Reviewability of Claims of Upset**

In the usual exercise of prosecutorial discretion, Agency enforcement personnel should review any claims that non-compliance was caused by an upset. No determinations made in the course of the review constitute final Agency action subject to judicial review. Industrial users will have the opportunity for a judicial determination on any claim of upset only in an enforcement action brought for noncompliance with categorical pretreatment standards.

(Board Note: Derived from 40 CFR 403.16(e) (1986))

**Section 310.906 User Responsibility in Case of Upset**

The industrial user shall control production or all discharges to the extent necessary to maintain compliance with categorical pretreatment standards upon reduction, loss or failure of its treatment facility until the facility is restored or an alternative method of treatment is provided. This requirement applies in the situation where, among other things, the primary source of power of the treatment facility is reduced, lost or fails.

(Board Note: Derived from 40 CFR 403.16(f) (1986))

TITLE 35: ENVIRONMENTAL PROTECTION  
 SUBTITLE C: WATER POLLUTION  
 CHAPTER 1: POLLUTION CONTROL BOARD  
 PART 312  
 TREATMENT PLANT OPERATOR CERTIFICATION

Section	
312.100	References to Other Sections
312.101	Prohibition
312.102	Classifications
312.103	Standards for Certification
312.104	Procedures
312.105	Appeals
Appendix:	References to Previous Rules

AUTHORITY: Authorized by Section 27 and implementing Section 13 of the Environmental Protection Act (Ill. Rev. Stat. 1979, ch. 111 1/2, pars. 1027 and 1013).

Section 312.100 References to Other Sections

Unless the contrary is clearly indicated, all references to "Parts" or "Sections" are to Ill. Adm. Code, Title 35: Environmental Protection. For example, "Part 309" is 35 Ill. Adm. Code 309, and "Section 309.101" is 35 Ill. Adm. Code 309.101.

(Source: Added at 6 Ill. Reg. 7818, effective June 22, 1982)

Section 312.101 Prohibition

No person shall cause or allow the use or operation of any treatment works for which a permit is required by Part 309 unless the operation of such treatment works is under the direct and active field supervision of a person who has been certified by the Agency as being competent to operate the particular type or size of treatment works being used or operated.

Section 312.102 Classifications

The Agency shall adopt and promulgate procedures which classify treatment works by type and size. Such classes shall be based on the volume and nature of wastewater influent to the treatment works, and on the complexity of the treatment works. The procedures shall contain corresponding standards defining the class or classes of operators competent to operate a particular type or size of treatment works.

Section 312.103 Standards for Certification

The Agency shall not certify any person as being a competent operator unless such person submits adequate proof that he or she is competent to operate the particular class of treatment works for which certification is sought in a manner so as not to cause a violation of the Act or of this Chapter.

Section 312.104 Procedures

In addition to the procedures specifically required under this Part 312, the Agency may adopt and promulgate all procedures reasonably necessary to perform its duties and responsibilities under this Part.

Section 312.105 Appeals

An applicant for certification may appeal the Agency's decision to the Board in a manner similar to that stated in Section 309.244 above.

Appendix: References to Previous Rules

The following table is provided to aid in referencing old Board rule numbers to section numbers pursuant to codification.

Chapter 3: Water Pollution	35 Ill. Adm. Code
Part XII: Treatment Plant Operator Certification	Part 312

Rule 1201.....	Section 312.101
Rule 1202.....	Section 312.102
Rule 1203.....	Section 312.103
Rule 1204.....	Section 312.104
Rule 1205.....	Section 312.105

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